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YUKON

EXPLORATION 1987

Canada

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On the Cover: A highlight of the 1987 mineral exploration season in Yukon was underground exploration of the Kuhn and Rainbow Zones on Omni Resources' Skukum Creek property in the Wheaton River District. Current reserves stand at approximately 546 000 tonnes grading 13.4 g/t Au equivalent (8.4 g/t Au and 274.0 g/t Ag.

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YUKON EXPLORATION 1987

Exploration and Geological Services Division
Mineral Resources Directorate
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Yukon Region
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TABLE OF CONTENTS

PAGE

FRENCH RESUME

EXPLORATION ET EXPLOITATION MINIERE AU YUKON EN 1987 1

YUKON EXPLORATION 1987 INTRODUCTION 11

EXPLORATION AND GEOLOGICAL SERVICES DIVISION SERVICES 11

ACKNOWLEDGEMENTS 12

1987 YUKON MINING AND EXPLORATION OVERVIEW;
Staff, Mineral Resources Directorate, Northern Affairs Program, Yukon, Indian and Northern Affairs Canada

LODE MINING AND DEVELOPMENT 13
PLACER MINING 19
EXPLORATION ACTIVITY 23
1987 ACTIVITY REPORT, YUKON EXPLORATION AND GEOLOGICAL SERVICES DIVISION 47

INDEX OF N.T.S. MAP AREAS IN YUKON 56A
SUMMARIES OF ASSESSMENT WORK, DESCRIPTION OF MINERAL PROPERTIES, AND MINERAL CLAIMS STAKED IN 1987 57
LEGEND FOR MINERAL OCCURRENCE MAPS 57A

LA BICHE (NTS 95 C) 60
COAL RIVER (NTS 95 D) 62
FLAT RIVER (NTS 95 E) 64A
WATSON LAKE (NTS 105 A) 66
WOLF LAKE (NTS 105 B) 70
TESLIN (NTS 105 C) 86
WHITEHORSE (NTS 105 D) 94
LABERGE (NTS 105 E) 144
QUIET LAKE (NTS 105 F) 148
FINLAYSON LAKE (NTS 105 G) 166
FRANCES LAKE (NTS 105 H) 170
NAHANNI (NTS 105 I) 174
SHELDON LAKE (NTS 105 J) 176
TAY RIVER (NTS 105 K) 178
GLENLYON (NTS 105 L) 186
MAYO (NTS 105 M) 188
LANSING (NTS 105 N) 194
NIDDERY LAKE (NTS 105 O) 196
SEKWI MOUNTAIN (NTS 105 P) 200
BONNET PLUME (NTS 106 B) 202
NADALEEN RIVER (NTS 106 C) 204
NASH CREEK (NTS 106 D) 208
WIND RIVER (NTS 106 E) 216

SNAKE RIVER (NTS 106 F) 218
DEZADEASH (NTS 115 A) 224
MOUNT ST. ELIAS (NTS 115 B-C) 228
KLUANE LAKE (NTS 115 F-G) 232
AISHIHIK LAKE (NTS 115 H) 256
CARMACKS (NTS 115 I) 260
SNAG (NTS 115 J-K) 276
STEWART RIVER (NTS 115 O-N) 284
MCQUESTEN (NTS 115 P) 304
LARSEN CREEK (NTS 116 A) 310
DAWSON (NTS 116 B-C) 314
OGILVIE RIVER (NTS 116 F-G) 318
HART RIVER (NTS 116 H) 320
MARTIN HOUSE (NTS 106 K), TRAIL RIVER (NTS 106 L), EAGLE RIVER (NTS 116 I), PORCUPINE RIVER (NTS 116 K), OLD CROW (NTS 116 N-O), BELL RIVER (NTS 116 P), BLOW RIVER (NTS 117 A) 324

INDEX OF ACQUISITIONS OF H.S. BOSTOCK CORE LIBRARY 327

LIST OF REFERENCES 331

INDEX 345

APERÇU DES ACTIVITÉS D'EXPLORATION ET D'EXPLOITATION MINIÈRES AU YUKON EN 1987

DIRECTION DES RESSOURCES MINÉRALES
PROGRAMME DES AFFAIRES DU NORD, YUKON
MINISTÈRE DES AFFAIRES INDIENNES ET DU NORD CANADIEN

EXPLOITATION ET MISE EN VALEUR DE FILONS DE MINERAI

Avec la hausse des prix des métaux, trois mines du Yukon ont connu une année rentable. La Curragh Resources Corp. a exploité le zinc et le plomb de la mine à ciel ouvert Faro, la United Keno Hill Mines Ltd. a exploité des filons souterrains de minerai à haute teneur d'argent et de plomb et la Mount Skukum Gold Mining Corp. Ltd. a exploité des filons souterrains d'or. En outre, la Dawson Eldorado Mines Ltd. a amélioré la qualité de quelques tonnes de roches minéralisées provenant de la propriété PLATA-INCA. La mise en valeur souterraine et la construction d'un camp sur la propriété aurifère de la rivière KETZA, de la Canamax Resources Inc. et de la Pacific Trans-Ocean Resources Ltd. progressent rapidement; la production doit commencer en juin 1988.

La mine de zinc et de plomb (et d'argent) de FARO

La mine, qui a été rouverte en janvier 1986 après une fermeture de trois ans, employait presque 500 personnes en 1987 (mis à part les exploitants). La production de la Curragh Resources Corp. de 1987 dépassait 4,5 millions de tonnes de minerai titrant 3,31 % g/t de plomb, 4,93 g/t de zinc et 39,46 g/t d'argent qui provenaient du gisement de classe mondiale Faro. Par rapport à 1981, sa production a augmenté de 50 %, atteignant jusqu'à 12 300 tonnes par jour. Les coûts de production sont d'environ 65,60 $ la tonne de concentré, soit près de la moitié des coûts de 1981. La production de concentré est d'environ 500 tonnes de plomb et 1 100 tonnes de zinc par jour, avec des teneurs de 62 % et de 50 % respectivement.

La Curragh Resources Corp. a un nouveau partenaire australien depuis le 1er juin. La société Giant Resources Ltd., la branche des ressources naturelles de la société Ariadne Australia Ltd., possède maintenant 46 % des intérêts de la Curragh (la Curragh détient les autres 54 %). Ceci comprend la mine Faro, les gisements du plateau de Vangorda et le gisement de zinc et de plomb de Cirque dans le nord de la Colombie-Britannique. Selon M. Clifford Frame, directeur des Services généraux de la société Curragh, cette nouvelle relation avec l'important groupe australien a accru la latitude financière et la stabilité de la société par l'apport d'un capital de roulement supplémentaire et par une importante réduction de sa dette à long terme. Ainsi, la société Curragh a pu rembourser sa dette de 130 millions de dollars à la Cyprus Anvil Mining Corporation et son emprunt de 15 millions aux banques. Pour les trois à quatre prochaines années, on a prévu une somme de quatre-vingt-dix millions de dollars pour mettre en valeur les gisements minéraux de GRUM et de VANGORDA sur le plateau de Vangorda. Ces gisements remplaceront celui de Faro qui sera épuisé d'ici quatre ans. La mine injectera 1,4 milliard de dollars dans l'économie du Yukon au cours des onze prochaines années. Les activités actuelles sur les gisements de VANGORDA et de GRUM comprennent des travaux importants d'exploration et de forage géotechnique. Le gisement de GRUM qui a des réserves d'environ 40 millions de tonnes de minerai titrant 9 % de plomb et de zinc combinés, doit produire en 1989. Celui de VANGORDA contient environ 6,3 millions de tonnes de minerai d'une teneur semblable.

Les mines de plomb, d'argent et de zinc de la UNITED KENO HILL

À la fin de 1986, les réserves de roches minéralisées étaient de 173 100 tonnes titrant 953 g/t d'argent et 4,3 % de plomb (rapport annuel de la UKHM Ltd.). Vers la fin de 1987, la United Keno Hill Mines Ltd. avait traité plus de 78 000 tonnes de roches minéralisées contenant approximativement 43 millions de grammes d'argent, 1,3 million de kilogrammes de plomb et 227 000 kg de zinc. Les roches minéralisées provenaient principalement de cinq exploitations souterraines, soit HUSKY, HUSKY SW, ELSA, NO CASH et KENO 700, et des deux mines à ciel ouvert BLACK CAP et ONEK. Le travail de mise en valeur a continué dans les galeries d'accès de SILVER KING, de BELLEKENO et de LUCKY QUEEN. Les travaux de mise en valeur et d'exploration comprenaient du forage à percussion sous terre et en surface, du forage au diamant et le percement de tunnels verticaux et horizontaux. La production de la mine SILVER KING a commencé en octobre. La United Keno Hill Mines Ltd. emploie approximativement 200 personnes, et cette année, ses mineurs syndiqués ont signé un contrat de trois ans.

La mine d'or du mont SKUKUM

En 1987, la Mount Skukum Gold Mining Corp. a produit, dans la zone de Cirque, plus de 95 000 tonnes de minerai traité recelant plus de 1,5 million de grammes d'or. Une galerie d'accès a été percée jusqu'aux zones Brandy et Lake, qui ont été explorées par forage au diamant souterrain et à partir de la surface. Les zones Brandy et Lake ont des réserves combinées de 94 900 tonnes de minerai titrant 16 g/t d'or. La mine emploie 90 personnes.

La mine de plomb et d'argent de PLATA-INCA

La Dawson Eldorado Mines Ltd. a exploité 114 tonnes de roches minéralisées d'une teneur de près de 6 900 g/t d'argent. Environ 74 tonnes provenaient du filon n° 6 de Plata et 40 tonnes du filon n° 4. L'entreprise a employé en moyenne 10 personnes de juillet à octobre.

Le gisement d'or de la rivière KETZA

À la fin de 1986, les réserves de minerai oxydé des zones Peel et Ridge s'élevaient à 500 000 tonnes titrant 18 g/t d'or. Il est possible qu'il y ait aussi 75 000 autres tonnes d'une teneur de 13 g/t d'or dans la zone Break, qui est située à 400 m à l'est des zones Peel et Ridge. Des intersections de forage, atteignant jusqu'à 7 m, présentaient du minerai qui titrait 34 g/t d'or.

La Canamax Resources Inc. et la Pacific Trans-Ocean Resources Ltd. ont approuvé la construction d'une mine à la fin de mars. Le permis d'utilisation de l'eau a été octroyé le 12 mai par le Conseil des eaux territoriales du Yukon. Les coûts en capital sont estimés à 21,5 millions de dollars, dont 18,5 millions pour la construction et l'achat d'équipment, et 3 millions pour les frais de démarrage. L'exploitation sera faite par havage au mur et par remplissage. Le taux de production de l'usine sera de 320 tonnes par jour au début, puis passera à 450 tonnes avec des modifications mineures. Le taux annuel de production est estimé à 1,5 million de grammes ou 112 000 tonnes. La construction de la mine doit être achevée au début de 1988, et la mine est sensée commencer à produire en juin 1988. La société emploie au total 115 personnes, dont 15 employés de la Canamax et 100 contractants.

CHARBON

La mine de charbon de WHISKEY LAKE

Selon les estimations, la Nadshini Mining Corp., de Ross River, a produit 20 000 tonnes de charbon bitumineux pour alimenter le sécheur de concentré de l'usine de Faro. Plus de 730 m de forage à injection inverse a été fait en septembre pour prouver l'existence des réserves pour la saison suivante.

EXPLOITATION DES PLACERS

L'industrie de l'exploitation des placers a été saine et très active en 1987. Selon les registres des redevances, la production d'or de placers jusqu'au 31 décembre 1987 a été de 4 130 450 g (132 797 oz brutes), la plus forte production enregistrée depuis 1917 (selon M. G. Gilbert). Les chiffres de production sont établis d'après les redevances déclarées sur tout l'or exporté du territoire, qui sont calculées à 37,5 cents l'once brute. Les chiffres de production sont donc des valeurs minimales, étant donné que tout l'or de placer du Yukon n'est pas exporté. Le jalonnement a aussi augmenté : 1 958 nouveaux claims et 380 nouvelles concessions (de 1 à 5 milles de long) avaient été jalonnés au 31 décembre 1987. Il est intéressant de noter que le total des terrains jalonnés contenant des placers (incluant des concessions pour de la prospection) équivalent à peu près à 25 186 claims. Ce chiffre est comparable au total approximatif de 18 000 claims de placers enregistrés pendant la fièvreuse ruée vers l'or de 1898 (selon B. Baxter).

Toutes les zones traditionnelles d'exploitation minière de placers produisaient en 1987 (voir carte), et la majeure partie de la production provenait des régions du Klondike, d'Indian River et de Sixtymile River. Le nombre de mines de placers en production est estimé à 200. La liste qui suit décrit les aspects de certaines des entreprises minières actives les plus importantes.

L'entreprise en participation de Granville, qui est dirigée par la Teck Corporation, a commencé à produire au ruisseau Gold Run dans la région du Klondike. Elle a récupéré 208 200 g (6 695 oz brutes) d'or, décapé 317 540 m^3 (415 090 v^3) de gravier résiduel, et lavé à grande eau 101 700 m^3 (132 900 v^3) de gravier exploitable (d'après G. Klein).

La White Channel Underground Mining Ltd. a exploité 65 000 m^3 (85 000 v^3) de gravier exploitable du front de taille des opérations souterraines de la Jackson Cut (colline Lovett) dans la région du Klondike. Le sous-sol a été exploité de novembre 1986 à février 1987, avec un maximum de 16 employés (selon J. Simcox).

La Miben Mining, sur le côté sud de la colline Dago, dans la région du Klondike, a traité au total 126 000 m^3 (165 000 v^3) de gravier exploitable non consolidé. Elle a exploité les 5 à 6 mètres inférieurs des graviers se trouvant au-dessus de la roche de fond et environ 0,5 m dans la roche de fond (d'après M. Stutter).

La région de la rivière Indian, en aval de l'embouchure du ruisseau Quartz, a un niveau d'activité semblable à celui de 1986. Elle continue d'être un important bassin de drainage producteur dans la région du Klondike.

La Queenstake Resources Ltd. a utilisé la dragueuse sur le ruisseau Clear. Toutefois, à cause des faibles teneurs en or du minerai, on a mis fin au programme de dragage, et le démantèlement des installations a commencé cet automne. Le programme de remise en état doit être achevé en 1988.

Au ruisseau Black Hill, on a utilisé pour la première fois un appareil en forme d'auge à crible rotatif avec un volume d'alimentation de 92 m^3 (120 v^3) l'heure. On s'attend à ce qu'en 1988, la production augmente au fur et à mesure que seront exploitées des réserves d'une teneur plus élevée. Un programme d'échantillonnage en vrac sera fait en aval sur les réserves de minerai de teneurs plus faibles dans le cadre d'une stratégie d'exploitation minière complète établie pour cette propriété.

Au ruisseau Maisy May, la teneur continue à s'améliorer. Un appareil en forme d'auge à crible rotatif avec une capacité d'alimentation de 115 m^3 (150 v^3) l'heure sera probablement utilisé en 1988.

Le tableau suivant est un sommaire des statistiques sur la production de la saison d'exploitation minière de 1987 (selon, G. Gutrath).

Ruisseau	Volume (en v^3)	Teneur (oz fine/v^3)	Récupéré (oz fine)	Coût approx. (la v^3)	Découverture Ratio
Clear	191 415	0,004	673	2,30 $	-----
Black Hills	254 850	0,007	1770	2,80 $	2.5:1
Maisy May	170 016	0,014	2335	4,70 $	3.5:1

La Ross Mining Services, au bas du ruisseau Dominion, a déplacé 570 000 m^3 estimatifs (750 000 v^3) à la fois de gravier exploitable et de gravier stérile en utilisant deux camions à chenilles de 769-35 tonnes de roches, et a employé un maximum de 9 personnes (selon N. Ross).

La société Eldorado Placers sur la rivière Sixtymile a dragué 240 000 m^3 (310 000 v^3) et extrait jusqu'à 210 000 m^3 (280 000 v^3) de gravier. Elle a exploité 2,0 m d'épaisseur de la zone exploitable dans le gravier et jusqu'à 10 m de la roche de fond (selon G. Hakonson).

La Société Klondike Underground Mining, au ruisseau Miller dans la région de Sixtymile, a passé la majeure partie de l'hiver de 1986-1987 à creuser une nouvelle galerie d'accès. Elle a exploité approximativement 5 000 m^3 (6 500 v^3) à la fois de gravier exploitable et de gravier stérile; elle avait 6 employés pendant les mois d'hiver et 4 pendant les mois d'été (selon J. Jansen).

TRAVAUX DE PROSPECTION

En 1987, l'attrait combiné du financement par actions accréditives et de la hausse des prix des métaux s'est traduit au Yukon, par une dépense d'un montant jamais atteint de 40 à 45 millions de dollars en prospection (voir tableau). On cherchait à déceler la présence d'or, d'argent, de platine et de zinc. Presque tous les travaux avancés ont été faits sur des gisements connus, et la prospection des couches superficielles a été minime. On a pu délimiter d'importantes nouvelles réserves dans les filons d'or et d'argent de SKUKUM CREEK (mont REID) du district de Wheaton, dans le gisement de zinc de LOGAN près de Rancheria, dans le filon d'or et d'argent de PLATA n^o 4 au nord de la rivière Ross, dans le gisement de platine, de cuivre et de nickel de WELLGREEN dans les chaînons de Klouane, dans la zone aurifère de BREAK de la rivière Ketza et dans la mine BELLEKENO de la colline Keno (voir carte). Des résultats encourageants proviennent d'un certain nombre d'autres gîtes possibles.

La plupart des gîtes d'or, d'argent et de zinc visés sont associés à des intrusions neutres et felsiques du crétacé et du début du tertiaire, qui sont éparpillées dans tout le sud du Yukon. La plus grande partie du platine est associée à des filons-couches ultramafiques du trias qui parcourent les chaînons de Klouane situés dans le sud-ouest du Yukon.

RIVIÈRE WHEATON - DISTRICT DE LA MONTAGNE MONTANA

La prospection a continué pour la recherche de filons épithermaux de carbonate et de quartz aurifères et argentifères et de brèches, ainsi que de filons de quartz riches en sulfures mésothermaux. Les filons sont associés à des dykes felsiques et se trouvent le long de failles qui coupent à la fois des complexes volcaniques felsiques et des complexes neutres de l'éocène, des roches du crétacé moyen et du soubassement plus ancien dans le district de Wheaton et des andésites du crétacé supérieur, dans la montagne Montana. La plupart des travaux, qui comprennent au total 18 500 m de forage au diamant, ont été faits sur trois propriétés au mont Skukum ou près de celui-ci (MINE DU MONT SKUKUM, RUISSEAU SKUKUM [MONT REID], MONT STEVENS). Le percement des galeries d'exploration et le forage souterrain et de surface fait par la Omni, sur la propriété du ruisseau SKUKUM (mont REID), a augmenté les réserves dans les zones de Rainbow et de Kuhn jusqu'à un montant estimatif de 546 000 tonnes de minerai d'une teneur équivalente de 13,4 g/t d'or. Les réserves sont potentiellement plus importantes. La société prévoit travailler tout l'hiver et faire deux forages pendant la saison et elle espère achever cette année une étude de faisabilité. Au moins treize autres gîtes possibles du district ont été explorés par les sociétés Omni Resources Inc., Berglynn Resources Ltd., United Keno Hill Mines Ltd., All North Resources Ltd., Kerr Addison Mines Ltd., Pacific Trans-Ocean Resources Ltd. et Sirius Resources Ltd.

CHAÎNONS DE DAWSON

Des filons mésothermaux et épithermaux aurifères et argentifères sont associés à de l'altération d'argile, à des failles et à de la bréchification d'intrusions porphyriques feldspathiques cuprifères du crétacé. La région a été très active, ayant cinq programmes de forage et plusieurs tranchées près du mont Nansen, sur le mont Freegold et le long du ruisseau Big. Les filons sont oxydés de façon variable jusqu'à des profondeurs atteignant 115 m au mont Nansen, et 244 m à Casino. Il en résulte que l'enrichissement supergène est fréquent et que les lixiviations cyanurées en tas et en bacs sont possibles.

Les sociétés Chevron Resources et BYG Resources ont fait d'autres travaux au mont Nansen, près de la zone de Brown-McDade où les réserves sont actuellement estimées à 727 000 tonnes d'une teneur de 7,9 g/t d'or et de 62 à 103 g/t d'argent. Au total, 1 048 m ont été forés dans les zones proches de FLEX et de WEBBER, où la meilleure intersection contenait du minerai d'une teneur de 20,6 g/t d'or sur 1,8 m. De même, dans la région du mont Nansen, la Chesbar Resources Inc. et la States Exploration ont déclaré avoir découvert une intersection de forage de 1,6 m, dont tout le minerai était d'une teneur de 14,7 g/t d'or, sur la propriété VIC. La Aurchem Exploration a foré une série de filons minces de quartz et de calcite aurifères, sur la propriété GOULTER.

Sur le mont Freegold, la Nordac a creusé des tranchées sur les propriétés ANTONIUK et GOLDSTAR. Sur la propriété GOLDSTAR, une tranchée recoupant le filon MARGARETTE a révélé des teneurs de 9,8 g/t d'or et de 96 g/t d'argent sur 22 m. Une tranchée de 850 m de long, près de l'ancienne manifestation AUGUSTA, a révélé un prolongement possible du filon MARGARETTE dont la teneur est de 366 g/t d'or sur 5 m. Toutefois, le forage sous la tranchée n'a permis de rencontrer que des teneurs atteignant 18,8 g/t d'or et 98,0 g/t d'argent sur 1,1 m. En outre, près du mont Freegold, la Noranda a creusé des tranchées et foré sur la EMMONS'S HILL; elle a aussi creusé des tranchées sur leur option PINESOL. La Dominion Explorers a creusé des tranchées sur la manifestation de GOLDY, et la Shakwak a foré le prolongement faillé du filon de LAFORMA.

Le long du côté ouest du ruisseau Big, la Nordac a ouvert près de 12 km de tranchées, au bulldozer et à l'excavateur, sur les propriétés NUCLEUS et REVENUE. La propriété REVENUE couvre des zones d'intense altération de l'argile et de silicification en direction ENE, qui contiennent des filons aurifères et de petits filons de sulfures massifs contenant localement de fortes teneurs d'or atteignant jusqu'à 90 g/t. Dans une tranchée, on a obtenu des teneurs atteignant 1,6 g/t d'or sur 70 m. Les zones d'altération sont localisées le long de la marge d'un bloc de tuf hétérolithique, qui est faillé au contact d'une granodiorite crétacée plus ancienne contenant du porphyre à cuivre et à molybdène. Au nord-ouest du ruisseau Big, la Noranda a exploré la propriété TAD par forage et par prospection géophysique.

DISTRICT DU KLONDIKE

Dans les champs aurifères du Klondike, près de Dawson, la Mark Management a exploré la propriété LONE STAR pour la Arbor Resources et la Dawson Eldorado Mines Ltd. Des teneurs en or atteignant 242,9 g/t ont été obtenues d'un horizon de schiste interprété comme étant une unité volcanogène stratiforme simple. Le forage et les tranchées ont permis de délimiter de très gros tonnages de matériaux à faible teneur qui entourent des couches titrant de 6,9 à 14,7 g/t d'or. Sur la propriété HUNK, la United Keno Hill Mines Ltd. a remis en état, cartographié et échantillonné la galerie d'accès de BEN LEVY, fait un vaste levé géochimique et géophysique et creusé 18 tranchées jusqu'au socle. Les tranchées ont dégagé une série de filons de quartz en échelons contenant de l'or sur une longueur de 1 100 m. Les meilleures teneurs en or étaient en moyenne de 32,2 g/t d'or sur 4 m. Les autres sociétés actives de la région ont été la Volcano Resources Ltd., la Cominco Ltd. et la All North Resources Ltd.

DISTRICT DE KETZA-SEAGULL

On trouve de l'or et de l'argent dans les minéraux de remplacement de l'oxyde sulfuré du calcaire et de la dolomite et dans des filons fissurés et des zones de brèche. Les gisements sont divisés en zones près des soulèvements de Ketza et de Seagull, deux structures en forme de dômes qui révèleraient deux intrusions enterrées du crétacé moyen. Dans le soulèvement de Ketza, la Canamax a fait de vastes levés géophysiques aériens et au sol, dressé des cartes détaillées, effectué des travaux de géochimie et des travaux de forage sur une longueur de près de 11 000 m, sur 8 cibles d'or et d'argent. Les réserves géologiques indiquées par forage ont été délimitées dans cinq zones. Les résultats les plus spectaculaires ont été obtenus dans la zone Break, située à 1 300 m à l'est des gisements de Peel et de Ridge, où une des intersections à teneur des plus élevées a produit 23,56 g/t d'or sur 5,9 m. Dans le filon QB, qui fait partie de la zone Shamrock, 18 des 28 trous ont recoupé d'importantes teneurs en or, dont 10,97 g/t d'or sur 7,6 m. La Golden Pavillion Resources Ltd. et la Mountain Province Mining Inc. ont aussi effectué des travaux dans le soulèvement de Ketza. Dans le soulèvement de Seagull, la Fairfield Minerals Ltd. a continué à explorer la grande propriété RAM en la cartographiant et en faisant des études géochimiques et géophysiques. De nombreux filons de quartz polymétalliques et des lentilles sulfurées massives, dont quelques-unes sont aurifères, se trouvent sous la propriété. La Yukon Minerals Corp. a dirigé d'importants travaux de construction de routes et de creusement de tranchées au bulldozer sur de nombreux petits filons à forte teneur en argent, à la source du ruisseau Groundhog. La Cominco Ltd. a foré 11 trous sur la propriété TAY (LP) où l'on trouve de l'or avec de la pyrrhotine et de la pyrite dans un schiste et un skarn.

DISTRICT DE LA COLLINE KENO

La United Keno Hill Mines Ltd. a exploré les propriétés READY CASH, CHIEF, TARGET O (CHANCE), KLONDIKE KENO, ANTHONY et KENO n^{o} 6 et KENO n^{o} 14 par forage rotary à partir de la surface, et les propriétés BELLEKENO, LUCKY QUEEN et SILVER KING, par des galeries d'accès d'exploration, des galeries horizontales, des montages et du forage au diamant souterrain. Une autre nouvelle zone minéralisée importante de haute teneur est indiquée dans la mine BELLEKENO, où la galerie horizontale, au niveau 600, a pénétré dans 41 m qui présentaient une teneur vraie moyenne, prise sur une largeur d'exploitation minière minimale, de 1910 g/t d'argent, sur 1,9 m. Dans la mine SILVER KING, le forage au diamant et le percement des galeries ont indiqué d'importants nouveaux minerais ayant en moyenne une teneur vraie, prise par rapport à une largeur d'exploitation minière minimale, de 1 750 g/t d'argent, sur 1,5 m. Au nord-est de la colline Keno, sur la propriété CLARK, la NDU Resources and Archer Cathro and Associates ont foré un gisement horizontal contenant de l'argent, du plomb et du zinc dans un calcaire du cambrien inférieur. Une minéralisation a été constatée dans cinq des six forages; elle présentait une teneur moyenne pondérée de 273 g/t d'argent, de 6,5 % de plomb et de 9,3 % de zinc, sur 1,8 m.

RIVIÈRE HESS

La Dawson Eldorado Mines Ltd. et la Pacific Trans Ocean Resources Ltd. ont foré le filon PLATA n^{o} 4 et délimité des réserves possibles de 450 000 tonnes de minerai d'une teneur de 4 à 8 g/t d'or et de 340 à 690 g/t d'argent à une profondeur inférieure à 60 m. L'épaisseur du filon varie de 0,5 à 4,0 m, et sa longueur moyenne est d'environ 1,5 m.

SUD-EST DU YUKON

Au nord et à l'est de Watson Lake, à MEL, le forage par la Novamin a augmenté les réserves de roches minéralisées du gisement stratiforme simple de baryte, de plomb et de zinc à 5,5 millions de tonnes d'une teneur de 8,5 % de plomb et de zinc combinés. Au mont HUNDERE, où le gisement horizontal riche en sphalérite et en galène remplace le calcaire du cambrien inférieur, la Canamax a recoupé une nouvelle zone de minéralisation à forte teneur de plomb, de zinc et d'argent, sur des largeurs significatives dans 6 des 14 forages très espacés. La zone est située à environ 500 m au nord-ouest de la manifestation sud, où 2 200 000 tonnes de minerai d'une teneur de 14,1 % de zinc, de 8,7 % de plomb et de 72 g/t d'argent avaient été auparavant délimitées. Près de Quartz Lake, la Novamin et la NDU Resources, sous option de la Silverquest, ont creusé des tranchées sur des anomalies géochimiques d'or dans une zone de 2 000 m x 300 m, sur la propriété PORKER. Des zones de brèches fortement oxydées, un stockwork et des filons contiennent de la sidérite et du quartz avec de la pyrite, de l'arsénopyrite et, localement, de la jamesonite. Elles sont localisées le long des failles et remplacent des calcaires du cambrien inférieur. Une zone oxydée avait des teneurs aussi élevées que 4,1 g/t d'or sur 6,1 m.

DISTRICT DE RANCHERIA

Des filons et des gisements minéralisés horizontaux argentifères sont associés à des failles orientées vers le nord-est et à des dykes felsiques et mafiques du début du tertiaire, que l'on pense être des éléments secondaires de décrochements horizontaux de grande envergure comme le Tintina. Sur la propriété LOGAN, une zone faillée qui coupe une intrusion très altérée du crétacé contient des filons et des zones de brèche de quartz, de carbonate, de sphalérite et, en moindre quantité, de pyrite, de pyrrhotine, d'arsénopyrite, de chalcopyrite et de tétraédrite. La Fairfield Minerals Ltd. et la Getty Resources Ltd. ont augmenté substantiellement les réserves dans la zone principale par rapport à l'année dernière, où elles étaient d'environ 2 700 000 tonnes de minerai d'une teneur de 10 % de zinc et de 34,3 g/t d'argent. La Silver Hart Mines a continué le forage de la zone TM sur la propriété CMC et s'attend à augmenter les réserves actuelles de 60 000 tonnes d'une teneur de 1 371 g/t d'argent. La Pak-Man Resources Ltd. et la 2001 Resources Industries Ltd. ont creusé des tranchées sur plusieurs autres gîtes possibles, dans le district.

SILLON DE TINTINA

Près de Ross River, la Golden Nevada et la Noranda ont dirigé de vastes levés géochimiques et géophysiques aériens sur la propriété GREW CREEK où se trouvent un filon ainsi que de l'or et de l'argent, dans un tuf felsique stratiforme simple de l'éocène. Dix-sept forages au diamant ont délimité une zone de roches minéralisées potentielles d'au moins 140 m de long. Neuf des forages ont pénétré une importante minéralisation en or et en argent. La meilleure intersection d'après les rapports faits jusque là est de 11,7 g/t d'or et de 150,9 g/t d'argent, sur 31,4 m. La zone minéralisée est encore inexplorée à l'est.

CHAÎNONS DE KLOUANE

Les travaux ont été centrés sur la propriété WEELGREEN, où l'entreprise en participation Kluane a évalué le potentiel en platine d'un filon-couche de péridotite lité qui avait été auparavant exploité pour le nickel et le cuivre. Des levés géophysiques et la cartographie détaillée, le creusement de 10 km de tranchées et le forage au diamant sur 4 932 m ont confirmé que des sulfures massifs et disséminés contenant du platine montraient une distribution bien étendue, mais irrégulière, sur une longueur de 2 km. Une intersection typique dans la zone ouest, située à 1 km à l'ouest des travaux d'exploitation de l'ancienne mine, recelait de minerai d'une teneur de 1,2 g/t de platine, de 0,61 g/t de palladium, de 0,83 % de cuivre, de 0,32 % de nickel, de 0,03 % de cobalt et de 0,27 g/t d'or sur une largeur vraie de 15 m. Des essais minéralogiques et métallurgiques sont actuellement en cours. Les réserves potentielles sont èstimées à plus de 14,6 millions de tonnes d'une teneur de plus de 1,54 g/t de Pt/Pd, avec des zones présentant des teneurs plus élevées, en aval-pendage. Des gîtes ultra-mafiques semblables, ailleurs dans les chaînons de Klouane, ont été explorés par la All-North Resources Ltd., la Hudson-Yukon Mining Co. Ltd. et la Pak-Man Resources Ltd.

YUKON EXPLORATION

INTRODUCTION

The Government of Canada manages mineral resources in Yukon and Northwest Territories through the Northern Affairs Program of the Department of Indian Affairs and Northern Development. Within the Program three mineral resource directorates exist based in Yellowknife, Northwest Territories, Ottawa-Hull and Whitehorse, Yukon. This volume is prepared by the Exploration and Geological Services Division of the Mineral Resources Directorate, Yukon.

Yukon Exploration 1987 discusses the geology of Yukon mineral deposits and mineral districts under active investigation. The reports are summaries of exploration work done in Yukon mainly during 1986 and 1987 by mineral exploration companies. Some previously undocumented work is also included. This volume follows earlier annual Mineral Industry Reports for Yukon published by the Geological Survey of Canada and by the Department of Indian Affairs and Northern Development, and Yukon Exploration and Geology reports also published by the latter.

Summaries of exploration work in this volume are based on reports submitted to the department for assessment credit by exploration companies. Some of these are amplified by replies to questionnaires sent to exploration companies by the Geology Division, and/or by responses to enquiries of the staff. Each summary has been edited and approved for publication by the company that filed the work. The emphasis in the summaries is on the nature and the results of work done. References to published descriptions of the geology are included.

The geological, geochemical and geophysical reports accepted for credit as assessment work by the Department of Indian Affairs and Northern Development may be of interest to exploration geologists. An index to mining assessment reports, including those that are confidential and those available for inspection, is published by the department. Assessment reports are released for public inspection six months after the claims (on which the work was carried out) have lapsed.

EXPLORATION AND GEOLOGICAL SERVICES DIVISION

SERVICES

The Geology Division sells topographic, geological, aeronautical and land use maps, as well as Geological Survey of Canada publications covering Yukon, adjacent parts of British Columbia and the Northwest Territories. A library of geological texts and journals and G.S.C., B.C. Department of Mines, U.S. federal and Alaska state government geological publications available for consultation. Geological Survey of Canada Open File reports that concern Yukon are available for viewing. Partial air photo coverage of the Yukon from latitude 60° to 65°N is available for consultation in the office. For those wishing more information or to order air photos, a complete set of air photo microfiche as well as the most recent National Air Photo Library catalogue (Yukon) is available for viewing at Energy, Mines and Resources, Surveys and Mapping, Room 208, 204 Range Road (the building next door).

The H.S. Bostock Core Library, across the street from the Geology Division, contains drill core from Yukon mining properties. Some core is available for inspection and some is confidential (an up-to-date listing is included in this report). The core library contains working quarters equipped with diamond saws, a core splitter, rock staining facilities and fume hood. A petrographic microscope with capability for transmitted and reflected light, and a binocular microscope are also situated in the Core Library. The equipment and instruments are available for use by industry personnel in the Core Library by arrangement with the Map Sales supervisor.

The Mineral Rights Division of Northern Affairs, located in the Federal Building, 4th Ave and Main St, Whitehorse have a complete set of assessment reports for Yukon and Northwest Territories on microfiche available for viewing (and copying).

ACKNOWLEDGEMENTS

This report stems from the Geology, Drafting and Communications sections of the Northern Affairs Program in Whitehorse. It is an annual publication which owes its existence to the cooperation and support of the mining and exploration industry who supply most of the information. The willing assistance of the contributing companies and individual prospectors in compiling this book is gratefully acknowledged.

Drafting Services personnel provided the mineral occurrence maps, photographic reductions of the tables and lists, and prepared the figures for this publication. The high quality of the maps and figures and the timely release of this volume are due to their efforts, which are also much appreciated. Layout, data transfer and other publication details were coordinated by Communication Services.

1987 YUKON MINING AND EXPLORATION OVERVIEW

MINERAL RESOURCE DIRECTORATE
NORTHERN AFFAIRS PROGRAM, YUKON
DEPARTMENT OF INDIAN AFFAIRS AND
NORTHERN DEVELOPMENT

LODE MINING AND DEVELOPMENT

With higher metal prices, Yukon's three mines enjoyed a profitable year (see Table). Curragh Resources Inc. mined zinc and lead from the Faro open pit, United Keno Hill Mines Ltd mined high grade silver and lead veins underground, and Mount Skukum Gold Mining Corp. mined gold veins underground. Dawson Eldorado Mines Ltd. high graded a few tonnes of ore from the PLATA-INCA property. Underground development and camp construction at Canamax Resources Inc. and Pacific Trans-Ocean Resources Ltd.'s KETZA RIVER gold property is swiftly progressing, and production is expected by June, 1988.

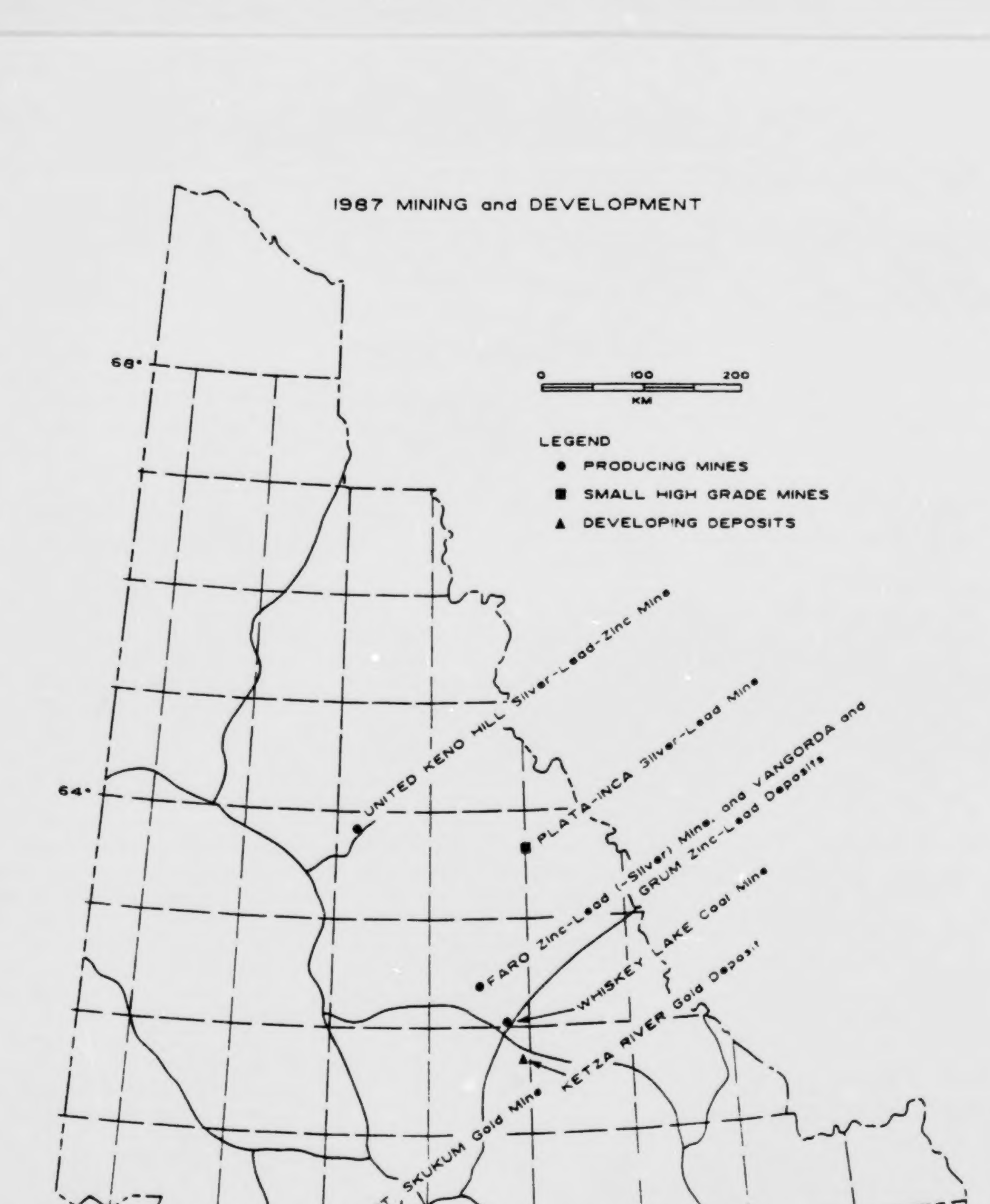
FARO Zinc-Lead (-Silver) Mine

The mine which reopened in January, 1986 after a three year closure employed almost five hundred people in 1987 (not including contractors). Curragh Resources Inc. production for 1987 was over 4.5 million tonnes grading 3.31% g/t lead, 4.93 g/t zinc and 39.46 g/t silver from the world class FARO deposit. Production was up 50% from 1981 levels to 12 300 tonnes per day. Production costs are approximately $65.60 per tonne of concentrate, about half of 1981 costs. Concentrate production is approximately 500 tonnes lead and 1100 tonnes zinc per day with grades at 62% lead and 50% zinc.

Curragh Resources Inc. gained a new Australian partner on June 1. Giant Resources Ltd., the natural resources arm of Ariadne Australia Ltd. now own 46% interest in Curragh's properties (Curragh has the remaining 54%). This includes the Faro mine, Vangorda Plateau deposits, and the Cirque lead-zinc deposit in northern B.C. According to Mr. Clifford Frame, Curragh's Chief Executive Officer, this new relationship with the large Australian group has added significant financial breadth and stability to Curragh through the introduction of additional working capital and a significant reduction in its long-term debt load. This has enabled Curragh to pay its $130 million debt to Cyprus Anvil Mines Ltd. and its $15 million loan to the banks. Ninety million dollars is planned over the next three to four years for development of GRUM and VANGORDA orebodies on the Vangorda Plateau. These orebodies will replace the FARO orebody which will be exhausted within four years. The mine will introduce $1.4 billion to Yukon's economy over the next eleven years. Current work on the VANGORDA and GRUM deposits includes extensive development and geotechnical drilling. GRUM, with reserves of about 40 million tonnes grading 9% combined lead-zinc, is slated for production in 1989. VANGORDA contains approximately 6.3 million tonnes of similar grade.

UNITED KENO HILL Silver-Lead-Zinc Mines

Ore reserves at the end of 1986 were 173 100 tonnes grading 953 g/t silver and 4.3% lead (U.K.H.M. Ltd. Annual Report). By the end of 1987, United Keno Mines Ltd. had milled over 78 thousand tonnes of ore containing approximately 48 million grams silver, 1.3 million kilograms lead and 227 thousand kilograms zinc. Ore was extracted mainly from five underground operations, HUSKY, HUSKY SW, ELSA, NO CASH and KENO 700, and two open pits, BLACK CAP and ONEK. Development work continued on the RUBY underground mine and exploration



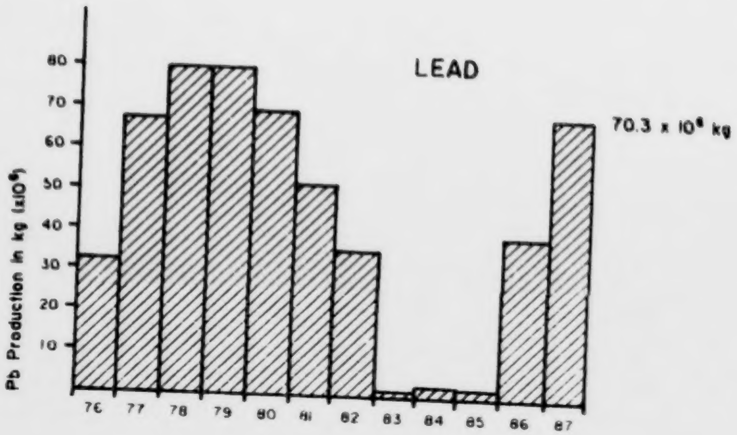
1987 MINING and DEVELOPMENT

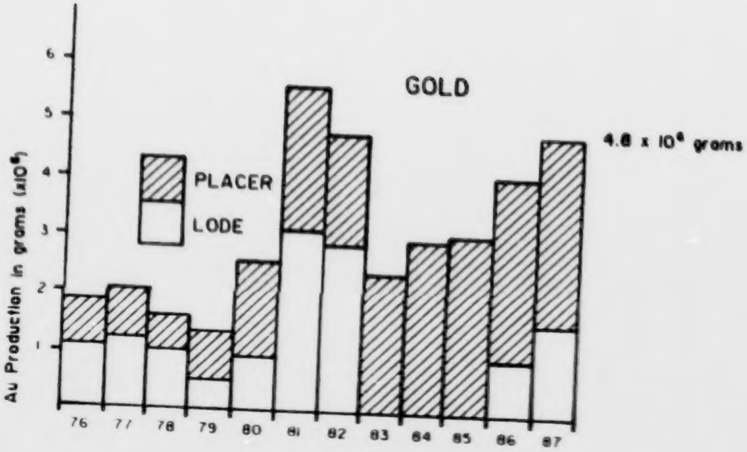
0
100
200
KM
LEGEND
● PRODUCING MINES
■ SMALL HIGH GRADE MINES
▲ DEVELOPING DEPOSITS
68°
64°
60°
140°
136°
132°
128°
124°
UNITED KENO HILL Silver-Lead-Zinc Mine
PLATA-INCA Silver-Lead Mine
FARO Zinc-Lead (-Silver) Mine, and VANGORDA and GRUM Zinc-Lead Deposits
WHISKEY LAKE Coal Mine
KETZA RIVER Gold Deposit
MT SKUKUM Gold Mine

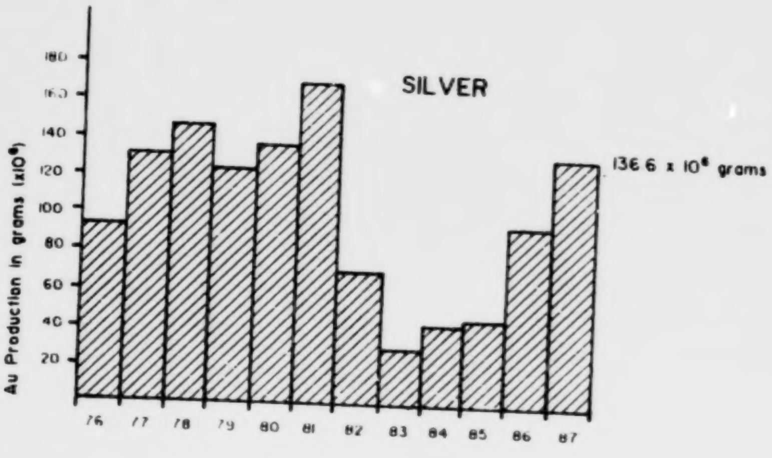
1987 YUKON MINING AND DEVELOPMENT SUMMARY

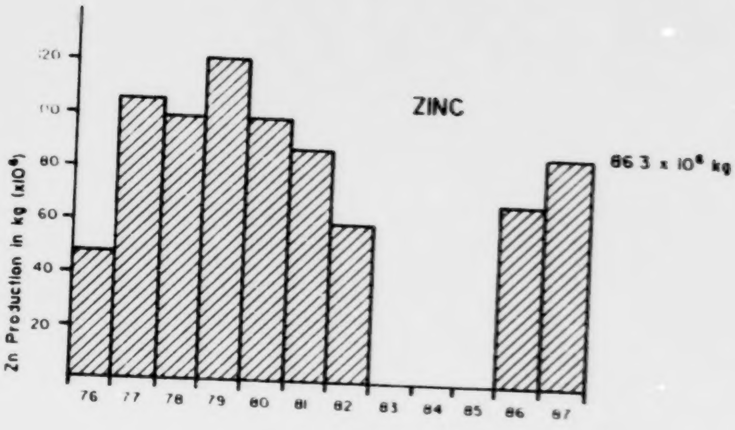
MINE/ PROPERTY	OPERATOR	EMPLOYEES (No.)	PRODUCTION (tonnes)	MILLED					STRIPPING (tonnes)	SURFACE DRILLING (m)		UNDERGROUND DRILLING (m)		UNDERGROUND DEVELOPMENT (m)		
				Gold (g)	Silver (g)	Lead (kg)	Zinc (kg)	Coal (kg)		Diamond	Percussion	Diamond	Percussion	Horiz.	Vert.	Ramping
FARO Mine	Curragh Resources Ltd.	429	4 539 394	0	98 545 000	111 406 000 (concentrate)	172 149 000 (concentrate)	0	29 334 620	1357						
VANGORDA Property			0	0	0	0	0	0	0	2042						
GRUM Property			0	0	0	0	0	0	0	2194 (est.)						
UNITED KENO HILL Mines	United Keno Hill Mines Ltd.	200	78 791		48 062 560	1 314 645	227 514		9072		8798	846	1219	832	376	1250
MT. SKUKUM Mine	Mt. Skukum Gold Mining Corp.	90	95 134	1 535 448	not reported	0	0	0	0	11143	0	2513	0	413	420	
WHISKEY LAKE Mine	Nadahini Mining Corp.	8	20 000	0	0	0	0	20 000 000	100 000 m^3	730						
PLATA-INCA Property	Dawson Eldorado Gold Exploration Co. Ltd.	10	114		857 120					672 0	0	0	0	430.9	33.4	
KETZA RIVER Property	Canamax Resources Inc.	115	0	0	0	0	0	0	0							

YUKON METAL PRODUCTION









continued on the SILVER KING, BELLEKENO and LUCKY QUEEN adits. Development and exploration work included surface and underground percussion drilling, underground diamond drilling and vertical and horizontal tunnelling. Production began from the SILVER KING mine in October. United Keno Hill Mines employs approximately 200 people and the unionized mine workers signed a three-year contract this year.

MT. SKUKUM Gold Mine

Mt. Skukum Gold Mining Corp. produced over 95 thousand milled tonnes from the Cirque Zone in 1987 containing over 1.5 million grams gold. A development adit was driven to the Brandy and Lake Zones which were explored by surface and underground diamond drilling. The Brandy and Lake Zones have combined reserves of 94 990 tonnes grading 16 g/t gold. The mine employs 90 people.

PLATA-INCA Silver-Lead Mine

Dawson Eldorado Mines Ltd. mined 114 tonnes of ore grading approximately 6900 g/t silver. About 74 tonnes came from the Plata #6 vein and 40 tonnes came from the Plata #4 vein. An average of 10 people were employed from July to October.

KETZA RIVER Gold Deposit

At the end of 1986, oxide reserves from the Peel and Ridge zone were 500 000 tonnes grading 18 g/t gold. Another 75 000 tonnes grading 13 g/t gold are possible on the Break Zone which is located 400 m east of the Peel and Ridge Zones. Drill intersections were as high as 7 m grading 34 g/t gold.

Canamax Resources Inc. and Pacific Trans-Ocean Resources Ltd. approved mine construction at the end of March. The water license was approved by the Yukon Territorial Water Board on May 12. Capital costs are estimated at $21.5 million which includes $18.5 million for construction and equipment purchase and $3 million for start up costs. Mining will be done by undercut and fill. The mill rate will be 320 tonnes per day initially, expanding to 450 tonnes with minor modifications. Annual rate of production is estimated at 1.5 million grams or 112 thousand tonnes. Mine construction is scheduled for completion in early 1988 with production expected by June, 1988. A total of 115 people, including 15 Canamax employees and 100 contractors, are presently employed.

COAL

WHISKEY LAKE Coal Mine

Nadahini Mining Corp. at Ross River produced an estimated 20 000 tonnes of bituminous coal to feed the concentrate drier at the Faro mill. Over 730 m of reverse circulation drilling was performed in September in order to prove reserves for next season.

PLACER MINING

The placer mining industry was healthy and very active during 1987. According to royalty records, placer gold production in 1987 to December 31 was 4 130 450 g (132,797 crude ounces), the highest recorded production since 1917 (G. Gilbert, pers. comm.). Production figures are based on a 37.5 cents per crude ounce royalty declared on all gold exported from the Territory. Production figures are thus minimum values as not all Yukon placer gold is exported. Staking also increased with 1958 new claims and 380 new leases (from 1 to 5 miles long) staked as of December 31, 1987. It is of interest to note that total staked placer ground (including leases to prospect) is roughly equivalent to 25 186 claims. This compares to an approximate total of 18 000 placer claims which were recorded during the hectic activity of the 1898 gold rush (B. Baxter, pers. comm.).

All of the traditional placer mining areas were producing during 1987 (see map) with most production coming from the Klondike, Indian River and Sixtymile River areas. The number of producing placer mines is estimated to be 200. The following list reviews aspects of some of the larger active mining operations.

Granville Joint Venture operated by Teck Corporation began production on Gold Run Creek in the Klondike area. They recovered 208 200 g (6,695 crude ounces) gold, stripped 317 540 m^3 (415,090 cubic yards) of waste gravel, and sluiced 101 700 m^3 (132,900 cubic yards) of pay gravel (G. Klein, pers. comm.).

White Channel Underground Mining Ltd. mined 65 000 m^3 (85,000 cubic yards) of bank pay gravel from their underground operation at Jackson Cut (Lovett Hill) in the Klondike area. They mined underground from November, 1986 to February, 1987 and employed a maximum of 16 people (J. Simcox, pers. comm.).

Miben Mining on the south side of Dago Hill in the Klondike area processed a total of 126 000 m^3 (165,000 cubic yards) of loose pay gravel. They mined the lower 5 to 6 m of gravel above bedrock and approximately 0.5 m into bedrock (M. Stutter, pers. comm.).

The Indian River area downstream from the mouth of Quartz Creek had a level of activity similar to 1986. It continues to be an important producing drainage basin in the Klondike area.

Queenstake Resources Ltd. operated the dredge on Clear Creek, however due to low gold grades, the dredge program has ended and demobilization started this fall. The reclamation program is expected to be completed in 1988.

At Black Hills Creek, a trommel-sluice box configuration was used for the first time with a feed volume of 92 m^3 (120 cubic yards) per hour. Production is expected to increase in 1988 as higher grade reserves will be mined. A bulk sampling program will be done downstream on lower grade reserves as part of the overall mining strategy for this property.

At Maisy May Creek, the grade continued to improve. A trommel-sluice box configuration with a feed capacity of 115 m^3 (150 cubic yards) per hour will likely be used in 1988.

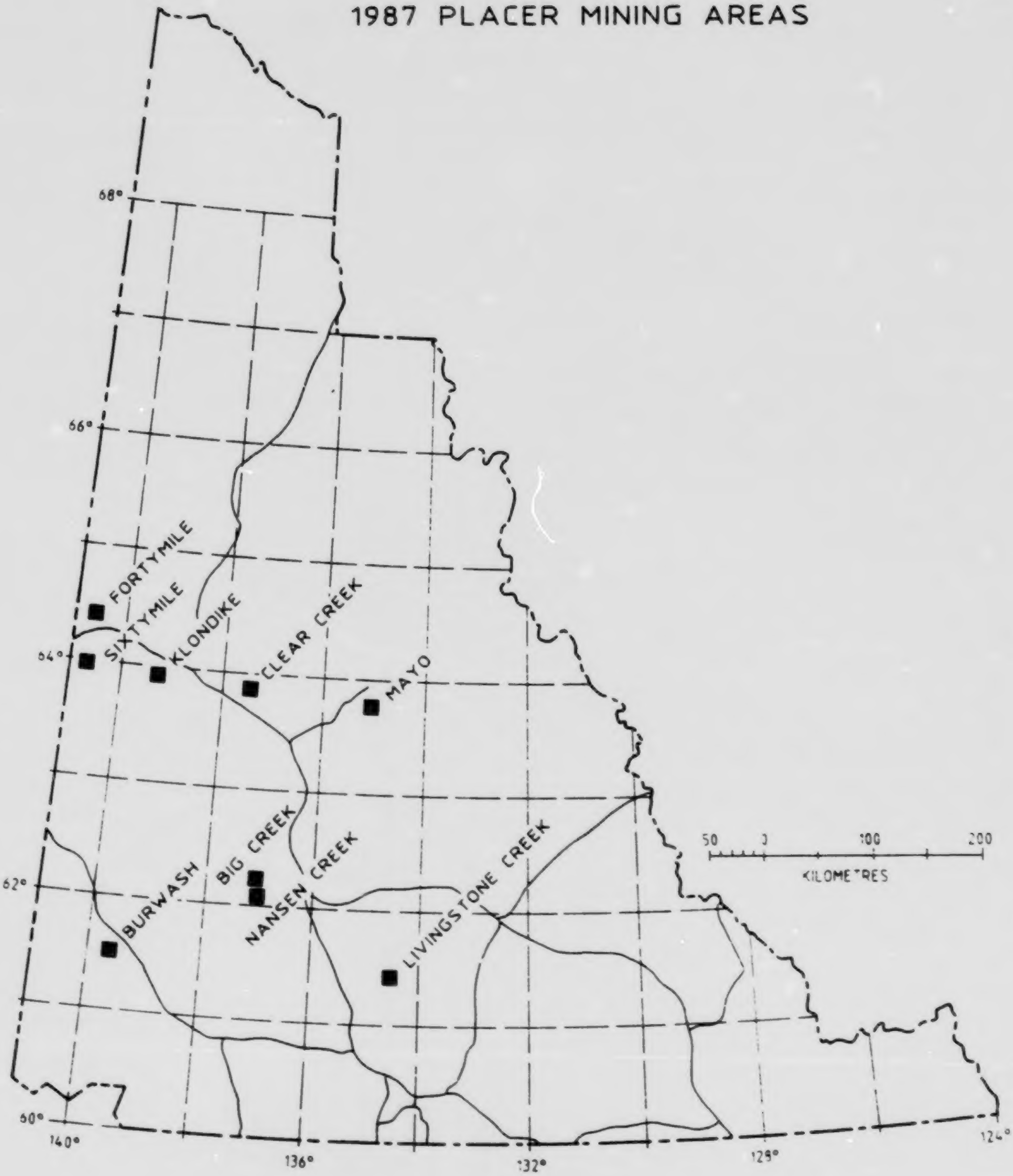
The following table is a summary of production statistics for the 1987 mining season (G. Gutrath, pers. comm.):

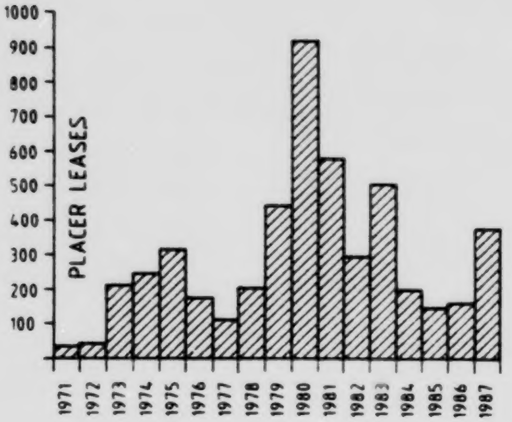
Creek	Volume (cu. yd.)	Grade (fine oz./ cu.yd.)	Recovered (fine ounces)	Approx. Cost (per cu. yd.)	Stripping Ratio
Clear	191,415	0.004	673	\$2.30	------
Black Hills	254,850	0.007	1770	\$2.80	2.5:1
Maisy May	170,016	0.014	2335	\$4.70	3.5:1

Ross Mining Services on lower Dominion Creek moved an estimated 570 000 m^3 (750,000 cubic yards) of both waste and pay gravel using two caterpillar 769-35 ton rock trucks and employed up to maximum of nine people (N. Ross, pers. comm.).

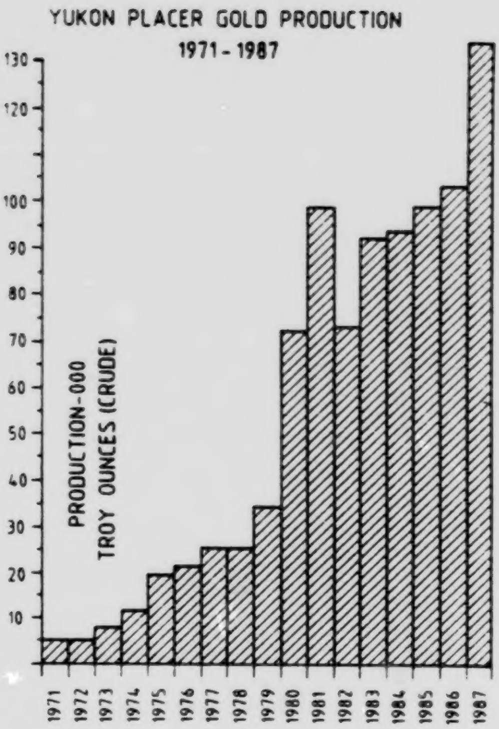
Eldorado Placers on the Sixtymile River sluiced 240 000 m^3 (310 000 cubic yards) and stripped up to 210 000 m^3 (280,000 cubic yards) of gravel. They mined a 2.0 m thick pay zone in the gravel and also up to 10 m of bedrock (G. Hakonson, pers. comm.).

Klondike Underground Mining at Miller Creek in the Sixtymile area spent most of the 1986/87 winter season driving a new adit. They mined approximately 5000 m^3 (6,500 cubic yards) of both waste and pay gravel and had six employees during the winter months and four employees during the summer months (J. Jansen, pers. comm.).

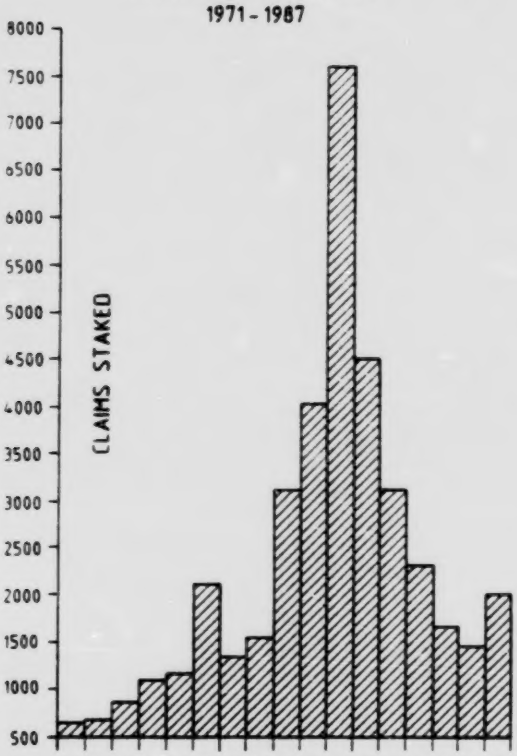

1987 PLACER MINING AREAS
68°
66°
64°
62°
60°
140°
136°
132°
128°
124°
FORTYMILE
SIXTYMILE
KLONDIKE
CLEAR CREEK
MAYO
BIG CREEK
NANSEN CREEK
BURWASH
LIVINGSTONE CREEK
50
0
100
200
KILOMETRES



PLACER LEASES STAKED
1971 - 1987



PLACER CLAIMS STAKED
1971 - 1987



EXPLORATION ACTIVITY

In 1987, the combined attraction of flow through share funding and higher metal prices resulted in a record $40 to $45 million being spent in Yukon on mineral exploration (see Table). Gold, silver, platinum, and zinc were the targets. Almost all work was advanced exploration of known occurrences, with little grass roots exploration. Significant new reserves have been outlined on the SKUKUM CREEK (MT. REID) gold-silver veins in the Wheaton District, the LOGAN zinc deposit near Rancheria, the PLATA #4 gold-silver vein north of Ross River, the WELLGREEN platinum-copper-nickel deposit in the Kluane Ranges, the BREAK gold zone at Ketza River, and in the BELLKENO mine at Keno Hill (see Map). Results from a number of other prospects are encouraging.

Most of the gold, silver, and zinc targets are associated with Cretaceous and early Tertiary intermediate to felsic intrusions that are scattered across southern Yukon. Most platinum is associated with Triassic ultramafic sills in the Kluane Ranges of southwest Yukon.

WHEATON RIVER - MONTANA MOUNTAIN DISTRICT

Exploration continued for epithermal gold- and silver-bearing quartz-carbonate veins and breccias, and mesothermal sulphide-rich quartz veins. The veins are associated with felsic dykes, and occur along faults which cut both Eocene felsic to intermediate volcanic complexes, and mid-Cretaceous and older basement rocks in the Wheaton District, and Late Cretaceous andesites on Montana Mountain. Most work, including a total of 18 500 m of diamond drilling, was done on three properties on and near Mt. Skukum (MT. SKUKUM MINE, SKUKUM CREEK (MT. REID), MT STEVENS). Exploration drifting, and surface and underground drilling by Omni on the SKUKUM CREEK (MT. REID) property increased reserves in the Rainbow and Kuhn Zones to an estimated 546 000 tonnes grading 13.4 g/t gold equivalent. The potential to increase reserves is excellent. The company expects to work through the winter with two drills and hopes to have a pre-feasibility study completed this year. At least 13 other prospects in the district were explored by Omni Resources Inc., Berglynn Resources Ltd., United Keno Hill Mines Ltd., All North Resources Ltd., Kerr Addison Mines Ltd., Pacific Trans-Ocean Resources Ltd., and Sirius Resources Ltd.

DAWSON RANGE

Mesothermal and epithermal gold- and silver-bearing veins are associated with clay alteration, faulting and brecciation of Cretaceous copper-bearing feldspar porphyry intrusions. The region was very active with five drill programs and extensive trenching near Mt. Nansen, on Mt. Freegold and along Big Creek. Veins are variably oxidized to depths of up to 115 m at Mt. Nansen and 244 m at Casino. As a result, supergene enrichment is common, and cyanide heap and vat leaching are possible.

Mt. Nansen was again worked by Chevron Resources and BYG Resources, near the Brown-McDade Zone where reserves are currently estimated at 727 000 tonnes grading 7.9 g/t gold and 62-103 g/t silver. A total of 1048 m was drilled on the nearby FLEX and WEBBER zones where the best intersection was 20.6 g/t gold over 1.8 m. Also in the Mt. Nansen area, Chesbar Resources Inc. and States Exploration reported a drill intersection of 14.7 g/t gold over 1.6 m from the VIC property. Aurchem Exploration drilled a series of thin, gold-bearing quartz-calcite veins on the GOULTER property.

On Mt. Freegold, Nordac trenched the ANTONIUK and GOLDSTAR properties. On the GOLDSTAR, a trench cutting the MARGARETE vein yielded assays of 9.8 g/t gold and 96 g/t silver across 22 m. A trench 850 m along strike, near the old

AUGUSTA showing, revealed a possible extension of the MARGARETE vein which assayed 366 g/t gold over 5 m. However, drilling beneath the trench only encountered grades up to 18.8 g/t gold and 98.0 g/t silver over 1.1 m. Also near Mt. Freegold, Noranda trenched and drilled on EMMON'S HILL, and trenched on their PINESOL option. Dominion Explorers trenched the GOLDY occurrence, and Shakwak drilled the faulted extension of the LAFORMA vein.

Along the west side of Big Creek, Nordac cut almost 12 km of bulldozer and excavator trenches on the NUCLEUS and REVENUE properties. The REVENUE property covers ENE-trending zones of intense clay alteration and silicification which host gold-bearing veins and small massive sulphide veins, locally containing high grades of gold (up to 90 g/t). Values up to 1.6 g/t gold over 70 m were obtained in one trench. The alteration zones are localized along the margin of a faulted block of heterolithic tuff which is faulted against older Cretaceous granodiorite containing a copper-molybdenum porphyry. Northwest of Big Creek, Noranda explored the TAD property with drilling and geophysics.

KLONDIKE DISTRICT

In the Klondike gold fields, near Dawson, Mark Management explored the LONE STAR property for Arbor Resources and Dawson Eldorado Mines Ltd. Gold values up to 242.9 g/t were obtained from a schist horizon which is interpreted as a stratabound volcanogenic unit. Drilling and trenching outlined very large tonnages of low-grade material surrounding layers with 6.9 to 14.7 g/t Au. On the HUNK property, United Keno Hill Mines Ltd rehabilitated, mapped, and sampled the BEN LEVY adit, carried out an extensive geochemical and geophysical survey, and excavated 18 trenches to bedrock. Trenching exposed a series of en echelon quartz veins containing gold over a strike length of 1100 m. The best gold values averaged 32.2 g/t gold across 4 m. Other companies active in the area included Volcano Resources Ltd., Cominco Ltd., and All North Resources Ltd.

KETZA-SEAGULL DISTRICT

Gold and silver occur in sulphide-oxide replacement of limestone and dolomite, and in fissure veins and breccia zones. The deposits are zoned about the Ketza and Seagull Uplifts, two domal structures thought to reflect two buried mid-Cretaceous intrusions. In the Ketza Uplift, Canamax carried out extensive airborne and ground geophysical surveys, detailed mapping, geochemistry, and almost 11 000 m of drilling over eight gold-silver targets. Drill-indicated geological reserves were delineated in five zones. The most spectacular results were obtained from the Break zone, located 1300 m east of the Peel and Ridge orebodies, where one of the higher grade intersections assayed 23.56 g/t gold across 5.9 m. In the QB vein which is part of the Shamrock zone, 18 of 28 holes cut significant gold values including 10.97 g/t gold across 7.6 m. Golden Pavilion Resources Ltd. and Mountain Province Mining Inc. were also active in the Ketza Uplift. In the Seagull Uplift, Fairfield Minerals Ltd. continued to explore the large RAM property with mapping, geochemistry and geophysics. Numerous, polymetallic quartz veins and massive sulphide lenses, some of which are gold-bearing, underlie the property. Yukon Minerals Corp. conducted extensive road building and bulldozer trenching of numerous small high grade silver veins at the head of Groundhog Creek. Cominco Ltd. drilled 11 holes on the TAY (LP) property where gold occurs with pyrrhotite and pyrite in schist and skarn.

KENO HILL DISTRICT

United Keno Hill Mines Ltd. explored the READY CASH, CHIEF, TARGET 0 (CHANCE), KLONDIKE KENO, ANTHONY, and KENO #6 and KENO #14 targets with rotary drilling from surface, and the BELLEKENO, LUCKY QUEEN, and SILVER KING veins with exploration adits, drifts, raises and underground diamond drilling. Another significant new high-grade ore zone is indicated in the BELLEKENO Mine, where the 600 Level drift advanced through 41 m averaging a cut grade, taken to a minimum mining width, of 1901 g/t Ag over 1.9 m. In the SILVER KING Mine, diamond drilling and drifting indicated significant new ore averaging a cut grade, taken to a minimum mining width, of 1750 g/t Ag over 1.5 m. Northeast of Keno-Hill, on the CLARK property, NDU Resources and Archer Cathro and Associates drilled a silver-lead-zinc- bearing manto in Lower Cambrian limestone. Mineralization was encountered in five of the six drill holes, with a weighted average grade of 273 g/t silver, 6.5% lead, and 9.3% zinc over 1.8 m.

HESS RIVER

Dawson Eldorado Mines Ltd. and Pacific Trans Ocean Resources Ltd. drilled the PLATA #4 vein and outlined possible reserves of 450 000 tonnes grading 4 to 8 g/t gold and 340 to 690 g/t silver at a depth of less than 60 m. The vein ranges from 0.5 to 4.0 m thick and averages about 1.5 m.

SOUTHEAST YUKON

North and east of Watson Lake, drilling by Novamin increased ore reserves on the MEL stratabound barite-lead-zinc deposit to 5.5 million tonnes of 8.5% combined lead and zinc. At MT. HUNDERE, where sphalerite- and galena-rich mantos replace Lower Cambrian limestone, Canamax intersected a new zone of high grade lead-zinc-silver mineralization over significant widths in 6 of 14 widely spaced drill holes. The zone is located about 500 m northwest of the south showing, where 2 200 000 tonnes grading 14.1% zinc, 8.7% lead and 72 g/t silver have previously been outlined. Near Quartz Lake, Novamin and NDU Resources, under option from Silverquest, trenched gold geochemical anomalies in an 2000 m x 300 m area on the PORKER property. Heavily oxidized breccia zones, stockwork and veins contain siderite and quartz with pyrite, arsenopyrite and locally, jamesonite. These are localized along faults and replace Lower Cambrian limestones. One oxidized zone returned assays as high as 4.1 g/t Au over 6.1 m.

RANCHERIA DISTRICT

Silver-bearing veins and mantos are associated with northeast-trending faults, and early Tertiary mafic and felsic dykes that are thought to be secondary features of large scale strike-slip faults such as the Tintina. On the LOGAN property, a fault zone which cuts a highly altered Cretaceous intrusion contains veins and breccia zones of quartz, carbonate, sphalerite and lesser pyrite, pyrrhotite, arsenopyrite, chalcopyrite, and tetrahedrite. Fairfield Minerals Ltd. and Getty Resources Ltd., substantially increased reserves in the Main Zone from last year's estimated 2 700 000 tonnes grading 10% zinc and 34.3 g/t silver. Silver Hart Mines continued drilling the TM zone on the CMC property, and expect to increase reserves from the present 60 000 tonnes grading 1371 g/t silver. Pak-Man Resources Ltd. and 2001 Resources Industries Ltd. trenched several other prospects in the district.

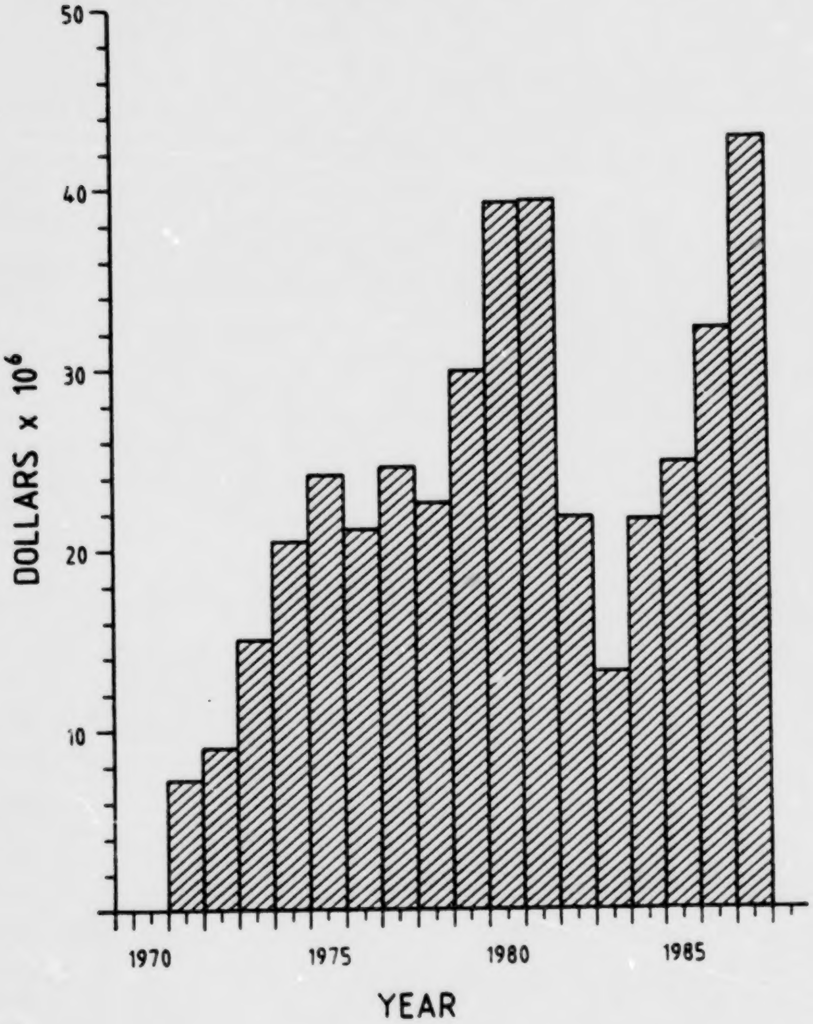
TINTINA TRENCH

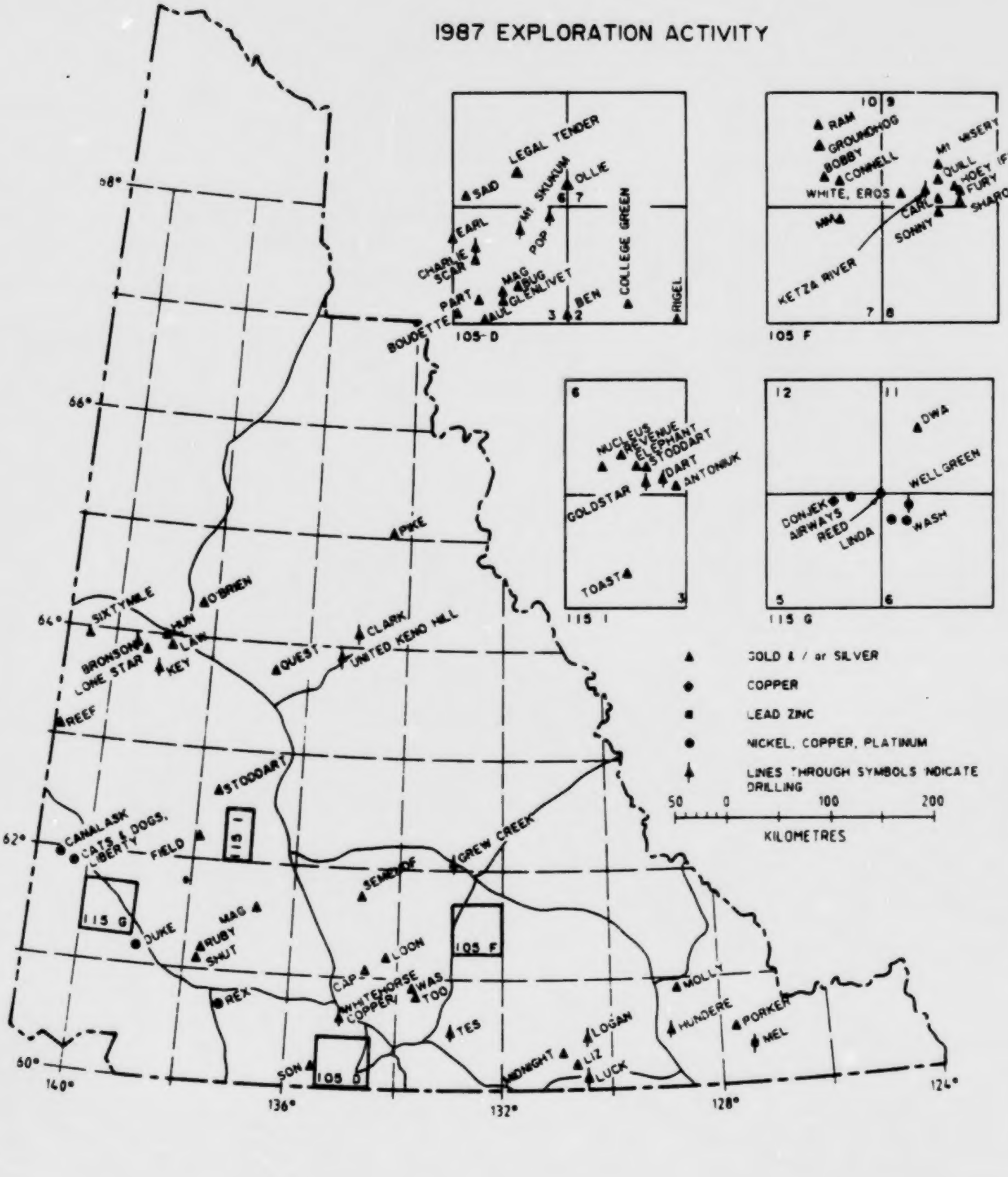
Near Ross River, Golden Nevada and Noranda conducted extensive geochemical and airborne geophysical surveys over the GREW CREEK property where vein and stratabound gold and silver occur in Eocene felsic tuff. Seventeen diamond drill holes have outlined a zone of potential ore at least 140 m long. Nine of the drillholes penetrated significant gold and silver mineralization. The best intersection reported so far is 11.7 g/t Au and 150.9 g/t Ag over 31.4 m. The mineralized zone is still open to the east.

KLUANE RANGE

Activity centred on the WELLGREEN property where Kluane Joint Venture evaluated the platinum potential of a layered peridotite sill that had previously been mined for nickel and copper. Detailed mapping and geophysical surveys, 10 km of trenching and 4932 m of diamond drilling confirmed that platinum-bearing disseminated and massive sulphides show widespread, but erratic distribution over a strike length of 2 km. A typical intersection through the West Zone which is located 1 km west of the old mine workings assayed 1.2 g/t platinum, 0.61 g/t palladium, 0.83% copper, 0.32% nickel, 0.03% cobalt and 0.27 g/t gold across a true width of 15 m. Mineralogical and metallurgical tests are currently underway. Potential reserves are estimated at more than 14.6 million tonnes grading better than 1.54 g/t Pt/Pd with higher-grade zones occurring downdip. Similar ultramafic bodies elsewhere in the Kluane Range were explored by All-North Resources Ltd., Rockridge Mining Corp. Ltd., Chevron Minerals Ltd., Silverquest Resources Ltd., Hudson-Yukon Mining Co., Ltd., and Pak-Man Resources Ltd.

EXPLORATION EXPENDITURES / YEAR





1987 EXPLORATION ACTIVITY

68°
66°
64°
62°
60°
140°
136°
132°
128°
124°
SIXTYMILE
O'BRIEN
HUN
LAW
BRONSON
LONE STAR
KEY
REEF
PIKE
CLARK
UNITED KENO HILL
QUEST
STODDART
CANALASK
CATS & DOGS, LIBERTY
FIELD
115 I
115 G
DUKE
MAG
RUBY
SHUT
SEMENOF
GREW CREEK
105 F
LOON
CAP
WHITEHORSE COPPER
WAS
TOO
REX
TES
SON
105 D
MIDNIGHT
LIZ
LUCK
LOGAN
MOLLY
HUNDERE
PORKER
MEL
SAD
LEGAL TENDER
MT SKUKUM
OLLIE
6
7
EARL
POP
COLLEGE GREEN
CHARLIE
SCAR
MAG
BUG
GLENLIVET
PART
AUL
BOUDETTE
BEN
3
2
RIGEL
105-D
10
9
RAM
GROUNDHOG
BOBBY
CONNELL
MT MISERY
QUILL
HOEY (F2,F3)
FURY
WHITE, EROS
CARL
SHARON
MM
SONNY
KETZA RIVER
7
8
105 F
6
NUCLEUS
REVENUE
ELEPHANT
STODDART
DART
ANTONIUK
GOLDSTAR
TOAST
3
115 I
12
11
DWA
WELLGREEN
DONJEK
AIRWAYS
REED
LINDA
WASH
5
6
115 G
▲ GOLD & / or SILVER
◆ COPPER
■ LEAD ZINC
● NICKEL, COPPER, PLATINUM
LINES THROUGH SYMBOLS INDICATE DRILLING
50
0
100
200
KILOMETRES

MEL (JEAN)	Novamin Resources Inc.	95 D 6	Barite, galena and sphalerite are found in a concordant lens 800 m long and 21.7 m thick in cryptocrystalline Cambro-Ordovician limestone overlain by laminated calcareous shale and phyllite. The strata have been folded into an overturned syncline which trends north-south. In 1987 seven 80 holes were drilled totalling 2012 m. This increased the reserves on the property to 5 581 030 tonnes grading 6.63% Zn, 1.92% Pb, 49.6% barite.
PORKER (PIGLET)	Novamin Resources Inc., NDU Resources Ltd option from Silverquest Resources Ltd	95 D 12	Breccia zones, stockwork and veins of siderite and quartz with pyrite, arsenopyrite and locally jamesonite occur along faults and replace Lower Cambrian limestone. Work in 1987 consisted of geological mapping, geochemistry and 22 bulldozer trenches over a 5 km^2 area. One oxidized zone returned assays as high as 4.1 g/t Au over a 6.1 m width.
HUNDERE (HUN CIMA, MICA)	Canamax Resources Inc.	105 A 10	Sphalerite and silver-bearing galena occur in skarn mantos in Cambrian limestone and phyllite. Work in 1987 consisted of a ground magnetometer survey, bulldozer trenching and 14 widely-spaced diamond drill holes totalling 3889.9 m. Six of the holes intersected a new zone of high-grade lead-zinc-silver mineralization 500 m northwest of the main showing.
MOLLY (JACK)	Tarmachan Exploration Services Ltd for A. Black	105 A 15	Gold and molybdenite occur in a quartz stockwork within an intensely altered part of the Billings Batholith. Magnetometer and VLF-EM surveys done in 1987 produced anomalies which indicate a strike extension of the stockwork zone.
LUCK (A&B, PIGGY, BNA)	Goldex Resources Inc.	105 B 1	Silver-bearing galena occurs with sphalerite in saddle reefs in folded Lower Cambrian marble and phyllite. Bulldozer stripping over geophysical and geochemical anomalies failed to reach bedrock due to permafrost. Additional trenching of the original showing was followed by blasting of other showings and mapping of new exposures.
HARDTACK (ORO)	Yukon Minerals Corp.	105 B 1	Silver-bearing galena veins occur in Lower Paleozoic sedimentary rocks. Geological mapping was done on all claims in 1987. No new showings were discovered.
LIZ	Pak-Man Resources Ltd, 2001 Resource Industries Ltd	105 B 2	Oxidized veins containing lead, zinc and silver occupy two parallel fault zones (azimuth 050°) and cut and replace Cambrian limestone. One vein is exposed over a length of 300 m. Work in 1987 consisted of geological mapping, geochemistry and surveying of previous backhoe trenches. The results are reported to warrant drill testing of the vein system at depth.
MIDNIGHT (CMC)	Silver Hart Mines Ltd	105 B [illegible]	Lead and silver occur in quartz veins and mantos at the eastern margin of the Cretaceous Cassiar Batholith. The veins follow east-striking faults which crosscut quartz monzonite, skarn and Lower Cambrian schist and limestone. Two mantos about 50 m long and 5 m wide occur within the limestone. In 1987, regional mapping and geochmistry were carried out over the entire property. Following the drilling of 8 holes (total 914.4 m) in the TM zone, proven and probable reserves were increased by 50% to a total of 97 370 tonnes grading 1025.1 g/t Ag. Trenching of the H zone exposed mineralization grading up to 2969.0 g/t Ag over a width of 1.34 m. The strike extent of the H zone has not yet been determined.
LOGAN	Fairfield Minerals Ltd	105 B 7 105 B 8 105 B 9 105 B 10	Sphalerite and tetrahedrite are found in quartz-carbonate veins, stockwork and breccia zones along a fault zone which cuts a highly altered Cretaceous intrusion. To date the fault zone has been explored over only one third of its length. In 1987, detailed mapping and soil geochemistry were done in the vicinity of the LOGAN 107-116 claims, and an IP survey was conducted over the whole property to define 1988 drill targets. An airstrip and 10 km of roads were constructed. An extensive drill program of 44 holes totalling 7770 m resulted in better definition of the main zinc-silver orebody. Several of the better intersections included 68 m of 5% Zn and 24.3 g/t Ag, 57 m of 5.01% Zn and 33.6 g/t Ag, and 5 m of 15.18% Zn and 103.2 g/t Ag. Current reserve estimates total 14.0 million tonnes grading 5.13% Zn and 20.3 g/t Ag. Two holes were drilled on a separate mineralized structure 212 m east of the main orebody, with good results reported.
TES	Noranda Exploration Co. Ltd	105 C 11	Quartz stockwork cuts silicified Upper Triassic basic tuff. Exploration in 1987 consisted of 1:5000 mapping of the whole property, four trenches and two diamond drillholes totalling 180 m.
TOO	All-North Resources Ltd	105 C 13	Metasedimentary and metavolcanic rocks (Mississippian or older) are intruded by the Late Cretaceous Quiet Lake Batholith. Mapping, prospecting and reconnaissance geochemistry were done on the property. No veins or mineralized samples were found.

HAS	All-North Resources Ltd	105 C 13	Mississippian and earlier metavolcanic rocks and related intrusions underlie the property. Work in 1987 consisted of mapping and reconnaissance geochemistry. No mineralization was found.
RIGEL	United Keno Hill Mines Ltd	105 D 2	The property is underlain by Triassic Lewes River Group and Jurassic Laberge Group sedimentary rocks. The claim group was mapped at a scale of 1:30 000 and soil samples taken every 100 m across the property were analysed for 30 elements.
COLLEGE GREEN (GRAY) (AFI)	Omni Resources Inc.	105 D 2	Triassic volcanic and sedimentary rocks are intruded by Cretaceous granodiorite and several rhyolite plugs. Quartz-carbonate veins and breccias cut both the Triassic rocks and the granodiorite. Work in 1987 included 1:10 000 scale mapping and geochemistry in selected areas. Samples were analysed for Pb, Zn, Ag, Au, As and Sb. Several anomalous samples were reported. A detailed VLF-EM survey was done on the AFI 45-46 and 57-60 claims.
BEN	All-North Resources Ltd	105 D 2	Altered, brecciated fault zones with quartz veining cut rocks of the Coast Plutonic Complex. The entire property was mapped at a scale of 1:5000. Reconnaissance soil, silt and rock samples were analysed for Au and Ag. Assay values up to 6.5 g/t Au and 78.2 g/t Ag were obtained from mineralized east-west shears.
SCAR	Omni Resources Inc., option from Noranda Exploration Co. Ltd	105 D 3	Gold and silver occur in quartz veins and shear zones. Detailed mapping, geochemistry and geophysics (VLF-EM and mag.) over the whole property led to the discovery of several mineralized zones and identified two drill targets. Two helicopter pads and drill sites were blasted from the cliff face.
BOUDETTE (MAJI)	Kerr Addison Mines Ltd	105 D 3	Quartz veins and breccias cut Eocene rhyolite and andesite dykes and Cretaceous granodiorite. Mapping at a scale of 1:25 000 showed that gold and minor silver mineralization occurs in quartz veins, stringers and breccia zones along north to northeast-trending shears and faults. Samples were analysed for Au, Ag, As and Sb.
BUG	Kerr Addison Mines Ltd	105 D 3	Abundant rhyolite porphyry dykes and sills cut Cretaceous granodiorite. Prospecting on the BUG claims found traces of mineralization only.
PART (BOUD, CRO)	Mine Quest Exploration Associates Ltd for Sirius Resource Corp., under option from L. Allen & R. Bilquist	105 D 3	Quartz veins with pyrite and galena intrude quartz monzonite, breccia and lithic tuff in the Bennett Lake area. Mapping was done at a scale of 1:10 000 over most of the property. On the BOUD claims, 120 rock samples were assayed for Au and Ag. Anomalous values were reported from quartz veins, quartz breccia and silicified wall rock. On the CRO claims, 39 rock samples were assayed for Au and Ag. Anomalous values were reported from quartz vein float.
AUL	Mine Quest Exploration Associates Ltd for Sirius Resource Corp., under option from R.J. Bilquist	105 D 3	Anomalous gold & silver values are reported from quartz veins in major fractures cutting conglomerate, andesite, pyroclastic and altered felsic volcanic rocks of the Bennett Lake complex. In 1987, 1:10 000 mapping was done on parts of the property and 30 rock samples were analysed for Au and Ag.
MT SKUKUM MINE (GLEN, MOE, KUKU BUTTE, WOOF, PUP CHIEF)	Mt Skukum Gold Mining Corp. (AGIP Canada Ltd, Total Erickson Resources Ltd)	105 D 3	Gold and silver-bearing quartz-carbonate veins and hydrothermal breccias crosscut rocks of the Eocene Skukum Volcanic Complex. In 1987 close-spaced contour soil samples were taken over the entire property. Detailed geological maps were made of selected areas at various scales down to 1:200. Airborne magnetometer and VLF-EM surveys were flown over the east half of the property. Ground max-min, VLF-EM and magnetometer surveys were done on the CHIEF and KUKU groups and IP was done on the CHIEF claims. Limited machine and hand trenching was also carried out. Diamond drilling increased reserves in the BRANDY and LAKE zones to an estimated 94 990 tonnes grading 16 g/t Au. A total of 75 holes were drilled on the KUKU property with an average length of 100 m per hole. An additional two holes totalling 320 m were drilled on the CHIEF claims.
LEGAL TENDER (MH)	Havilah Gold Mines Ltd	105 D 6	Values of up to 25.2 g/t Au and 411.4 g/t Ag are reported as a result of current exploration on the LEGAL TENDER vein.
OLLIE (NEW)	Havilah Gold Mines Ltd	105 D 6	Trenching of a mineralized shear zone discovered in 1986 turned up grab samples containing up to 6171 g/t Ag. In 1987, a parallel shear zone was discovered which returned gold values up to 44.6 g/t Au.

MT. REID (SKUKUM CK) (WH,ERN TEX,SKAR KID)	Omni Resources Ltd.	105 D 3	Gold and silver-bearing sulphide-rich mesothermal veins in granodiorite are localized along the ENE-trending Berney Creek fracture. An extensive program of soil and talus sampling was accompanied by detailed mapping on scales down to 1:200. Magnetometer and VLF surveys were made over the detailed geochemical grids. A total of 826 m of underground drifting proved the RAINBOW and KUHN zones to be connected. Two crosscuts off the main adit intersected the RAINBOW zone which had a width of 5.1 m in one crosscut and 8.22 m in the other. Channel sampling in crosscut #2 returned values of 6.5 g/t Au and 428.5 g/t Ag over a true width of 7.92 m. The main drift also cut the KUHN zone 305 m below surface. Encouraging results are reported from preliminary metallurgical tests. A pre-feasibility study is planned for early 1988. The 1987 drilling program increased drill-indicated reserves to approximately 546 000 tonnes grading 13.4 g/t Au equivalent (8.4 g/t Au, 274.0 g/t Ag). Fifty-six holes with a total length of 6400.8 m were drilled both on surface and underground. The 1987 drilling doubled the known strike length of the RAINBOW zone, extending it 152 m to the north and the same distance downdip. The zone now has a demonstrated length of 335 m and is still open in all directions. Two of the best drill intersections from the RAINBOW zone are 25.4 g/t Au and 630 g/t Ag over 9.5 m and 13.4 g/t Au and 1714 g/t Ag over 1.4. The best of three drillholes in the KUHN zone intersected 10.5 g/t Au and 203 g/t Ag over 8.63 m.
GLENLIVET	Pacific Trans-Ocean Resources Ltd, AGIP Canada Ltd	105 D 3	Volcanic rocks of the Bennett Lake Caldera complex are cut by fault zones with clay-jarosite-pyrite alteration and quartz-galena-fluorite-calcite-malachite veins. As a result of 1987 geochemical sampling on the GLENLIVET claims, four zones of interest were identified and six trenches were excavated.
MAC	All North Resources Ltd	105 D 3	Rhyolite ring dykes of the Bennett Lake Caldera Complex intrude Cretaceous granodiorite of the Coast Plutonic Complex. Reconnaissance prospecting and geochemistry on the MAC property turned up one quartz vein which assayed up to 0.16 g/t Au and 6.2 g/t Ag over 0.2 m.
MT STEVENS (POP, MOM, CHARLIE, TECH, AND OTHER. TOTAL >650 CLAIMS)	Berglynn Resources Ltd, Skukum Ventures Ltd, Walhalla Exploration Ltd	105 D 3 105 D 6	Epithermal gold and silver-bearing veins occur within rocks of the Eocene Skukum Volcanic Complex. Detailed mapping was done over the TECH, WAL, CHARLIE, RIDGE, POP and STEN claim groups. The HAVI, RIDGE, BRIDGE, ROAD, BANK, TECH and MOM claims were covered by a geochemical grid. A VLF-EM 16 survey was done on the POP and MOM groups. Bulldozer trenching and diamond drilling were confined to the POP claims, where 16 holes were drilled totalling 4267 m.
EARL	Pacific Trans-Ocean Resources Ltd, AGIP Canada Ltd	105 D 3 105 D 4	Gold and silver-bearing quartz-pyrite-galena-sphalerite-tetrahedrite-malachite veins and stockwork cut Cretaceous granodiorite and Paleozoic metasedimentary rocks. Geological mapping at a scale of 1:10 000 showed that the CHARLESTON vein may extend onto the east end of the property. Soil and rock samples were assayed for Au, Ag, As, Sb and Pb. Grab samples yielded values up to 6.3 g/t Au, and 3659 g/t Ag. Magnetometer and VLF surveys were done on a close-spaced grid.
SAID (SAID, THE)	Pacific Trans-Ocean Resources Ltd, AGIP Canada Ltd	105 D 3 105 D 6	Epithermal gold and silver-bearing chalcedony veins & stockwork occur along a 3 km fault zone cutting rocks of the Eocene Skukum volcanic complex. Deposits are characterized by opaline sinter and extensive clay alteration. Detailed mapping (1:1000 and 1:500 scales) was done over the whole property. Soil and rock samples were analysed for Au, Ag, Hg, As and Sb. Chip samples yielded up to 19.9 g/t Au, and 24.3 g/t Ag. Four trenches were excavated and two drill sites were constructed.
SON	All North Resources Ltd	105 D 4	Bull quartz veins occur in Paleozoic? quartz-biotite schist, quartzite and marble intruded by rocks of the Coast Plutonic Complex. The property was mapped at 1:10 000 scale, and reconnaissance soil, rock and stream samples were taken. The only anomalous soil sample assayed up to 424 ppb Au.
WHITEHORSE COPPER (BONZO,	Whitehorse Copper Mines Ltd (Hudson Bay Mining & GEM)	105 D 11 Smelting)	Gold-bearing copper-magnetite skarns occur in pendants of Upper Triassic limestone intruded by mid Cretaceous granodiorite of the Whitehorse Batholith. Two diamond drillholes on the BONZO FR. and GEM 2 claims (total 261.5 m), extended the skarn zone mineralization on the Grafter & Kodiak Cub zones.
CAP	United Keno Hill Mines Ltd	105 D 15	The property is underlain by Paleozoic volcanic rocks and minor Triassic Lewes River Group sedimentary rocks. The property was mapped at 1:5000 scale. Half of the property was covered by a detailed soil grid, and reconnaissance contour samples were taken over the remainder. Samples were analysed for 30 elements.

LOON	Aurich Resources Ltd under option from Silverquest Resources Ltd	105 E 1	Triassic-Jurassic quartz-sericite schist and cherty quartzite host silica replacement deposits containing auriferous chalcopyrite and pyrite. In 1987 old showings on the property were examined and sampled and 31 km of line were cut in preparation for VLF-EM and magnetometer surveys in 1988.
SEMENOF	Noranda Exploration Co. Ltd option from O. Davis	105 E 15	Copper and minor gold are associated with altered basic tuff of Upper Triassic age. Work in 1987 included 1:5000 mapping and soil geochemistry over the whole property, IP and magnetometer surveys and minor blast trenching.
MM	Curragh Mining Properties Inc.	105 F 7	Silver, lead, zinc and copper occur in massive sulphide lenses in Lower Cambrian to Mississippian metavolcanic and metasedimentary rocks. Some hand trenching was done on the MM 38 claim.
SONNY (SUSAN, ST. PETER REGAN, JESSICA)	Golden Pavilion Resources Ltd	105 F 8	Work in 1987 consisted of mapping, geochemistry, magnetometer and VLF surveys and blast trenching.
WHITE, EROS (WHITE, EVE)	Mountain Province Mining Inc.	105 F 8 105 F 9	Gold, silver and lead occur in Lower Cambrian and Silurian carbonates. Two gold occurrences are restricted to the Lower Cambrian, and two lead-silver occurrences are hosted by Lower Cambrian and Silurian rocks. Gold-bearing limestone carries values up to 41.8 g/t Au. In 1987, soil and talus samples from selected areas were analysed for Au and 30 elements. A strong Ag-Pb anomaly was defined overlying Mississippian sedimentary and volcanic rocks. Several other Au, As, Ag and Pb anomalies were defined.
MT MISERY (KETZA, MIS, KON)	Canamax Resources Inc. under option from High River Resources Ltd & Quillo Resources Ltd	105 F 9	Gold and silver occur in quartz-arsenopyrite and siderite-galena veins cutting Lower Cambrian and Devonian carbonate rocks. Detailed geological mapping, soil sampling and airborne magnetometer and VLF-EM surveys were done over selected claims. On the KON 240 claim bulldozer trenching uncovered oxidized arsenopyrite along the margin of a large quartz vein.
WHITE, CARL (KETZA, HR)	Canamax Resources Inc., under option from High River Resources Ltd and Quillo Resources Ltd	105 F 9	Gold and silver occur in oxide mantos and quartz-sulphide veins in Lower Cambrian limestone and phyllite. Geological mapping at a scale of 1:5000 showed that numerous oxide mantos discovered on the claims are related to thrust and northwest-trending normal faults. An airborne magnetometer-VLF-EM survey was flown over part of the KETZA claim block.
SHARON (KETZA, KEY)	Canamax Resources Inc. under option from High River Resources Ltd and Quillo Resources Ltd	105 F 9	Silver-bearing galena veins occur along north-trending fissures in Upper Cambrian phyllite. In 1987 soil samples were taken on a detailed grid covering most of the property. Lead and zinc anomalies extend 200 m north along strike from silver-bearing galena veins exposed by trenching. An airborne magnetometer-VLF-EM survey was flown over the KETZA 73-100 and KET 1-4 claims.
QUILL	Canamax Resources Inc. under option from High River Resources and Quillo Resources Ltd	105 F 9	Quartz-scorodite-arsenopyrite veins occur in hornfelsed Lower Cambrian phyllite. Detailed geological mapping on eight selected claims outlined numerous subparallel quartz-scorodite veins. Soil and talus samples were taken and a ground magnetometer survey was conducted over the same claims.

HOEY (F2,F3) (A-D, CAMP, DUB, GEM, AL, OK, BUD RAIN, SADDLE, SNOW, HOPE, PETE)	Canamax Resources Ltd, option from Aigner Holdings Ltd	105 F 9	Silver and gold occur in sulphide-oxide replacements and fissure veins in Devonian limestone and dolomite. Oxidized gold-bearing mantos were discovered during 1:1000 scale mapping on the SADDLE and GEM claims. On the SADDLE, GEM and AL claims, soil samples taken on a close-spaced grid were analysed for Au, Ag, As, Pb, Zn and Cu. On the OK claims, magnetometer, EM and max-min surveys were conducted. Bulldozer trenches were excavated on the SADDLE, GEM and CAMP claims. Diamond drilling in 1987 consisted of nineteen holes totalling 1756.2 m.
KETZA RIVER (KON,FURY, PENGUIN, PEG, PEEL PIONEER)	Canamax Resources Ltd, Pacific Trans-Ocean Resources Ltd	105 F 9	Gold occurs in limestone-hosted sulphide deposits and argillite-hosted fissure veins. Several new oxide and sulphide showings were discovered during detailed mapping on the KON 6-12, PENGUIN 4-10 and FURY 29-32 claims. Channel samples were taken which assayed up to 41.1 g/t Au over 6.1 m. Closely spaced soil samples were taken in selected areas. Magnetometer and HEM surveys over the geochem grids defined a number of strong geophysical anomalies. The anomalies were investigated by bulldozer trenching. Sixty one diamond holes totalling 5000 m and 95 reverse circulation holes totalling 4962.8 m were drilled on the property in 1987. The drilling established geological drill-indicated reserves in 5 zones. The PEEL and RIDGE zones are currently being developed for production at 318.5 tonnes per day. An average grade of 17.8 g/t Au is reported in the PEEL zone. The BREAK zone is 395 m east of the PEEL and RIDGE zones. Good intersections encountered during drilling of the BREAK zone include 23.2 g/t Au over 3.6 m in DDH 246 and 23.6 g/t Au over 5.9 m in DDH 262. DDH 251 penetrated three gold-bearing sections assaying 34.3 g/t Au over 6.9 m, 17.1 g/t over 4.4 m and 21.3 g/t Au over 4.5 m. Of 28 drillholes cutting the QB vein in the SHAMROCK zone, 18 intersected significant gold values up to 11 g/t over 7.62 m.
FURY SLIDE LAKE (KON)	Canamax Resources Inc.	105 F 9	Gold and silver occur in quartz-sulphide veins, breccia zones and replacements in Lower Cambrian limestone and dolomite. Mapping and geochemistry on selected claims outlined several areas of gold-bearing sulphides. An airborne magnetometer-VLF-EM survey was flown. Anomalous areas on the KON 238-239 and KON 196, 198 claims were explored by bulldozer trenching.
RAM (RAM,MAT)	Fairfield Minerals Ltd	105 F 9 105 F 10	Mississippian volcanic & sedimentary rocks & syenite host massive sulphide veins & bodies. The entire property (701 claims) was mapped at a scale of 1:10 000 and almost half the property was covered by a soil grid. Additional massive and disseminated sulphide orebodies were discovered. IP, VLF, and magnetometer surveys covering 22 claims and a max-min survey on one claim identified future drill targets.
BOBBY (MAC, BOB)	Canamax Resources Inc.	105 F 10	Gold and silver occur in quartz-sulphide veins in Lower Cambrian limestone, dolomite and phyllite. Geological mapping of the whole property at a scale of 1:5000 outlined areas of quartz veining with significant gold and silver values. Soil samples were taken over part of the MAC claim block, and a hand trench was excavated on the MAC 21 claim. An airborne magnetometer-VLF-EM survey was flown over the entire property.
TAY (LP)	Cominco Ltd, Cinnabar Resources Ltd	105 F 10	Gold and minor chalcopyrite occur in quartz-pyrrhotite veins and replacements of schist and limestone. Diamond drilling on the LP 12 and TAY 8, 14, 19, 20 claims consisted of eleven holes totalling 961 m.
GROUNDHOG (LORNE)	Yukon Minerals Corp., Perrex Resources Ltd	105 F 10	Cambro-Ordovician sedimentary rocks host veins containing galena, freibergite and tetrahedrite. In 1987, all of the property was mapped at a scale of 1:10 000 and bulldozer trenching uncovered 40 veins 0.6-15.2 m wide. Grab samples ranging from 342.3 g/t Ag to 17 142.4 g/t Ag are reported. A permanent camp was established and a 13 km access road was upgraded.
GREW CREEK (CANYON, GRAND)	Noranda Exploration Co. Ltd, Golden Nevada Resources Ltd, option from A. Carlos	105 K 2	Gold and silver occur in hydrothermal veins and Eocene felsic tuff occupying a graben within the Tintina Trench. The mineralized tuff has been traced over a distance of 740 m. It contains 1-2% pyrite and traces of Hg and As. Within the tuff a zone of potential ore 140 m long is still open to the east. In 1987, till and humus samples were taken over the whole property. Geophysical surveys included airborne Dig/EM over the whole property and minor ground IP & mag. Diamond drilling in 1987 consisted of 17 holes totalling 1840 m. Nine of the drillholes returned values ranging between 3.8 and 85.0 g/t Au over widths of 1.3 to 31.4 m. The best intersection to date was 11.7 g/t Au and 150.9 g/t Ag over 31.4 m in DDH 87-29. Further drilling is planned to determine the eastern extent of the orebody and test other targets such as the TARN zone 1.9 km to the east.

UNITED KENO HILL (>900 GRANTS & LEASES)	United Keno Hill Mines Ltd	105 M 13 105 M 14	Silver, lead and zinc occur in hydrothermal veins emplaced along faults cutting metasedimentary rocks. In 1987 backhoe trenching was done on the CHIEF property. Surface exploration also included the drilling of 185 rotary-percussion holes totalling 8104.6 m on the READY CASH, CHIEF, TARGET O (CHANCE), KLONDIKE KENO, ANTHONY, targets and the KENO No. 6 and KENO No. 14 veins. Underground exploration of the BELLEKENO, LUCKY QUEEN and SILVER KING adits included 397 m of drifting, 163 m of raising and 1250 m of ramping. A total of 846 m of diamond drilling was done from the BELLEKENO and SILVER KING adits. Another significant new high-grade ore zone is indicated in the BELLEKENO mine, where the 600 Level drift advanced through 41 m averaging a cut grade, taken to a minimum mining width, of 1901 g/t Ag over 1.9 m. In the SILVER KING mine, diamond drilling and drifting indicated significant new ore averaging a cut grade, taken to a minimum mining width, of 1750 g/t Ag over 1.5 m. At HUSKY SW a 190 m shaft was begun to explore an ore zone indicated by surface drilling. Possible reserves of 47 860 tonnes grading 1141.7 g/t Ag and 2.7 g/t Au are estimated and the zone is open at depth.
MT HINTON	Orex Resources Ltd	105 M 14	High-grade veins carry up to 3361 g/t Ag and 6.45 g/t Au. Approximately 900 m of diamond drilling was done on the property in 1987.
CLARK (CLARK, ESS, LARK)	Archer, Cathro & Associates (1981) Ltd for NDU Resources Ltd option from W. Ramage and S. Van Bibber	106 D 2	Silver, lead and zinc occur in a manto within brecciated Lower Cambrian limestone. Soil samples were taken over a small area. Diamond drilling consisted of 6 holes totalling 448.4 m. Five of the six drillholes intersected significant mineralization, with weighted average values of 273 g/t Ag, 6.51% Pb and 9.30% Zn across 1.8 m.
PIKE	Silverquest Resources Ltd, option from Chevron Minerals Ltd	106 E 2	Gold-rich quartz vein float occurs in talus near the contact between Quartet Group argillite and a small heteroclastic breccia body. Hand trenching and stripping exposed 70 square metres of bedrock. Additional float and gold-bearing soil was found, but no bedrock source.
REX (HOPE)	All North Resources Ltd, Chevron Minerals Ltd	115 A 11	The property covers an ultramafic exposure and adjoining aeromagnetic anomaly beneath thick glacial drift. Work in 1987 included soil sampling and ground VLF-EM and magnetometer surveys over the whole property.
CANALASK (MICRO, WENG)	Rockridge Mining Corp., Chevron Minerals Ltd, All-North Resources Ltd, option from P. Versluce and C. Gibbons	115 F 15	Nickel and platinum group elements occur in a stockwork cutting the footwall of an ultramafic sill. Old trenches and existing outcrop along the White River were remapped. Reconnaissance soil samples were taken and VLF-EM and proton magnetometer surveys were done on the MICRO and WENG claims. Five diamond drillholes totalling 603.2 m tested the footwall contact of the ultramafic sill over a 204.3 m strike length. No significant mineralization was reported. Sampling of DDH VQ7 drilled in 1972 gave values of 0.45 g/t Pt, 1.37 g/t Pd, 0.33% Cu and 0.94% Ni across 3 m. across 3 m.
CATS AND DOGS, LIBERTY	Silverquest Resources Ltd	115 F 16	A narrow ultramafic sill contains several small copper and nickel occurrences. The property was mapped at a scale of 1:10 000. Samples taken along stream cuts were analysed for Pt, Pd and ICP. Weak to moderate PGE anomalies were reported from several creeks.
DUKE	Rockridge Mining Corp., option from Chevron Minerals Ltd & All-North Resources Ltd	115 G 2	Nickel, copper and platinum group elements occur near the base of an ultramafic sill. Work in 1987 consisted of reconnaissance mapping and geochemistry.

WELL-GREEN (QUILL)	Hudson-Yukon Mining Co. Ltd, All-North Resources Ltd, Chevron Minerals Ltd	115 G 5	Platinum, palladium, rhodium, copper, nickel, and cobalt occur in disseminated, massive and fracture-filling sulphide minerals at the contact between a Triassic differentiated mafic-ultramafic sill and underlying quartzite and volcanic breccia of the Pennsylvanian Station Creek Formation. Massive sulphides occur within footwall quartzite, at the contact between quartzite and marginal facies gabbro, within gabbro, and as lenses in overlying pyroxenite and pyroxene-rich peridotite. Disseminated sulphides occur in diopside-garnet skarn formed in calcareous footwall rocks, in gabbro and in overlying pyroxene-rich peridotite. Fracture-filling mineralization is generally restricted to quartzite. Eighty per cent of the property was mapped at a scale of 1:2500, and systematically soil sampled. VLF-EM and gradiometer and total field magnetic surveys were also done over most of the property. A total of 10 km of bulldozer and excavator trenching traced the mineralization over a 2 km strike length including 1 km explored by 1973-74 underground mining operations. Forty-five diamond holes totalling 4931.7 m were drilled in the main showing area. As a result of the drilling, potential ore reserves of more than 14.6 million tonnes are estimated, grading better than 1.54 g/t Pt/Pd. Total metal value including values for platinum, palladium, rhodium, ruthenium, osmium, iridium, nickel, copper, cobalt, gold and silver is estimated at 3.42 g/t platinum equivalent. The present reserves are reported to be open at depth. Parts of the deposit down dip are higher grade and underground exploration of these is currently underway.
AIRWAYS (BARNY, MUS, AMP, ORO EUGENE)	Pak-Man Resources Ltd, Rockridge Mining Corp., option from Chevron Minerals Ltd, All-North Resources Ltd	115 G 5 115 G 12	Nickel, copper and platinum group elements occur as disseminations and fracture fillings in and adjacent to an ultramafic sill. The entire property was mapped, soil sampled and surveyed by VLF and proton magnetometer. Some road construction and bulldozer trenching was done. The old showing was relocated, hand trenched and traced along strike by geophysics. Two new gold showings were discovered on the north side of the property.
DONJEK (JEK)	Silverquest Resources Ltd	115 G 5 115 G 12	Copper occurs as scattered disseminations and fracture fillings in Triassic volcanic rocks. Reconnaissance rock samples were taken.
LINDA (KLU)	2001 Resources Ltd, Rockridge Mining Corp. option from Chevron Minerals Ltd & All-North Resources Ltd	115 G 6	Nickel, copper and platinum group elements occur in massive sulphide lenses and disseminations within and adjacent to ultramafic sills. In 1987 the property was mapped, soil sampled and surveyed by VLF and proton magnetometer. An important extension of the mineralized zone was discovered to the east. An access road was built to the new showings.
WASH	Silverquest Resources Ltd	115 G 6	Nickel, copper and platinum group elements occur as disseminations & fracture fillings within an ultramafic sill. Mapping and reconnaissance geochemistry was done over the whole property.
DWA (DWA,TAL)	United Keno Hill Mines Ltd	115 G 9	Rhyolite dykes cut Paleozoic quartz-biotite schist. Contour soils taken every 50 m were analysed for 30 elements.
RUBY	United Keno Hill Mines Ltd	115 H 4	The property is underlain by Triassic Ruby Range granodiorite, Paleozoic schist and hornfels. The property was mapped and contour soil samples were analysed for 30 elements.
SHUT	Silverquest Resources Ltd	115 H 4	Reconnaissance soil and rock samples were analysed for gold and 32 element ICP. Soils and one rock sample returned moderate to strong Au and As anomalies.
MAG	Kerr Addison Mines Ltd	115 H 10	Vertical quartz veins striking north to northwest cut Triassic granodiorite. Prospecting on the property turned up no mineralization.
FIELD	Nordac Mining Corp., Rexford Minerals Ltd option from Chevron Minerals Ltd	115 I 2	The Granite Mountain batholith underlies the property. Soil and silt samples analysed for Au returned no anomalous results. One bulldozer trench was excavated.

TOAST	Nordac Mining Corp., Rexford Minerals Ltd option from Chevron Minerals Ltd	115 I 3	A 750 m plug of feldspar porphyry cuts Cretaceous granodiorite. Soil and silt samples were analysed for Au with no anomalous results.
VIC	Chesbar Resources Inc., States Exploration Ltd, option from Kerr Addison Mines Ltd	115 I 3	Gold-bearing quartz veins cut Jurassic syenite. Some soil sampling and a test EM survey were done along with approximately 1219 m of diamond drilling. The best drill intersection was 14.7 g/t Au over 1.6 m.
GOULTER	Aurchem Exploration Ltd, option from Goulter family and G. Dickson	115 I 3	Gold and silver-bearing veins cut Cretaceous granodiorite and diorite and Paleozoic? metamorphic rocks. Discontinuous high-grade quartz-calcite-sulphide lenses and veins up to 1 m wide occur within broad northwest-trending low-grade zones. Approximately 1524 diamond drilling was done on the property.
MT NANSEN	Chevron Minerals Ltd, BYG Resources Ltd	115 I 3	Gold and silver occur in northeast-trending quartz veins which cut Paleozoic? schist and altered feldspar porphyry plugs of probable Cretaceous age. The veins contain a number of different minerals including arsenopyrite, pyrite, sphalerite, galena, stibnite, native gold and silver tetrahedrite and several other silver minerals. The veins are oxidized to depths of up to 115 m and all show supergene enrichment. A current estimate by BYG assigns oxide reserves of 727 000 tonnes of 7.9 g/t Au and 62-103 g/t Ag to the Brown-McDade zone. Exploration in 1987 consisted of bulldozer and backhoe trenches and diamond drilling. Seventeen holes totalling 1048 m were drilled in the FLEX and WEBBER zones. The best intersection reported was 20.6 g/t Au over 1.8 m.
RUSK	Chevron Minerals Ltd, BYG Resources Ltd, option from G. Dickson	115 I 3	Gold, silver and lead geochemical anomalies are associated with a strong airphoto lineament cutting Upper Cretaceous Mt Nansen volcanic rocks. Bulldozer and backhoe trenching was done with generally poor results reported.
TAWA	Chevron Minerals Ltd, option from Consolidated BRX Mining & Petroleum Corp.	115 I 3	Gold and silver-bearing veins associated with northwest-trending porphyry dykes cut Cretaceous granodiorite. Trenches were cut with an excavator and preparatory stripping was done for 1988 bulldozer trenches. A 1.7 km access road was made from the MT NANSEN property.
ANTONIUK (MAYFLOWER etc)	Nordac Mining Corp., Permian Resources Ltd, Rexford Minerals Ltd, option from Discovery Mines Ltd	115 I 6	Finely disseminated gold occurs with minor sulphides in or near an elliptical heterolithic breccia diatreme which intrudes Jurassic and Cretaceous syenite and granodiorite. Two bulldozer trenches exposed zones with up to 1.9 g/t Au over 50 m and 1.7 g/t Au over 55 m. Mapping delineated the high-grade zones and increased the known reserves over the 1986 estimate of 3.73 million tonnes grading 1.1 g/t Au.
EMMONS HILL (DART)	Noranda Exploration Co. Ltd	115 I 6	Gold and silver are associated with brecciated feldspar porphyry dykes and chalcedonic quartz veins. Two diamond holes were drilled totalling 185 m. Poor core recovery was reported.
GOLDSTAR	Nordac Mining Corp., Rexford Minerals Ltd, option from E. Wienecke, G. Harris	115 I 6	Gold and silver occur in vein faults cutting Paleozoic? schist, Jurassic and Cretaceous syenite and granodiorite. Limy schist has formed skarns which carry minor silver values. Extensive geophysical work on this property in 1987 included VLF-EM, magnetometer and gradiometer mag. surveys. Over 7 km of bulldozer and excavator trenching was done on the AUGUSTA and MARGARETE showings. Three hundred metres of the MARGARETE vein was sampled, yielding assays of 9.77 g/t Au and 96.0 g/t Ag over 22 m. One vein in a trench near the old AUGUSTA showing assayed 366 g/t Au over 5 m due to supergene enrichment. The MARGARETE and AUGUSTA showings are now believed to lie on the same structure, which has a strike length of at least 914 m. Diamond drilling confirmed previous reserve estimates of 163 800 tonnes grading 3.8 g/t Au. Eight holes totalling 449 m were drilled in the AUGUSTA zone. The best intersecttion was 18.8 g/t Au and 98 g/t Ag over 1.1 m. In the MARGARETE zone, 9 holes were drilled totalling 1292 m. Intercepts in four holes ranged from 4.8 g/t Au over 6 m to 5.1 g/t over 1.5 m.

NUCLEUS	Nordac Mining Corporation, Rexford Minerals Ltd, option from Chevron Minerals Ltd	115 I 6	A swarm of northwest-trending porphyry dykes intrudes a pendant of Paleozoic? schist within Cretaceous granodiorite. Over 1 km of bulldozer and excavator trenching was done on the property in 1987.
REVENUE	Nordac Mining Corp., Rexford Minerals Ltd, option from Yukon Revenue Mines Ltd	115 I 6	Gold and copper occur in structure-controlled zones of clay alteration and silicification in Cretaceous monzonite and granodiorite. Faults probably post-date porphyry-style alteration and minor copper-molybdenum mineralization. A horst of heterolithic lapilli tuff is emplaced within the igneous complex. Minor veins carrying massive sulphides (chalcopyrite, pyrite) and occasionally high grade gold (up to 90.0 g/t Au) occur along the margin of the heterolithic tuff. The central part of the property was mapped in detail. The most intense alteration zones were found to trend ENE. VLF-EM, proton magetometer and gradiometer mag. surveys were done over the entire property. A total of 10.5 km of bulldozer and excavator trenching was done in the central part of the property. Values up to 1.51 g/t Au over 70.0 m were obtained in one trench.
STODDART (EYM)	Nordac Mining Corp., Rexford Minerals Ltd, option from Chevron Minerals Ltd	115 I 6	Paleozoic? metasedimentary rocks are intruded by Jurassic syenite and Cretaceous granodiorite. Geochemical sampling on the ACK 14-19 claims outlined minor anomalies ranging up to 530 ppb Au. Three kilometres of new road was constructed.
TAD (TORO)	Noranda Exploration Co. Ltd, option from D. Waugh	115 I 12	Lead, zinc, silver and gold occur in clay-altered and silicified quartz monzonite porphyry. Work on the TORO claims consisted of soil sampling, magnetometer and VLF surveys, minor bulldozer trenching and 4 diamond drillholes totalling 372 m.
PINESOL (ELEPHANT)	Noranda Exploration Co. Ltd, option from G. Lee	115 I 3 115 I 6	Gold is associated with clay-altered Tertiary rhyolite. Gold-bearing magnetite boulders are found in creek. Soil and rock samples were taken from six trenches excavated on the property.
REEF	Moosehorn Exploration Ltd (I. Warwick, K. Robertson)	115 N 2	Gold occurs in hydrothermal quartz veins and in alluvial and eluvial placers. Multiple high-grade veins were exposed in bulldozer and backhoe trenches. Bulk samples were processed on site by a portable mill.
SIXTY MILE	Esso Minerals Canada Ltd	115 N 15	The property is underlain by strongly-fractured, locally clay-altered andesite flows and minor andesite breccia. Detailed mapping was done on the SIXTYMILE 35, 39 and 41 claims. Low Ag, Au and base metal values were reported from rock samples taken on these claims. Some stripping of overburden was done on the property by placer miners.
MCKINNON (KEY)	Volcano Resources Corp. (option)	115 O 11	Gold occurs in black McKinnon Creek conglomerate. Detailed mapping was done over part of the property. An extensive geophysical survey included fluxgate magnetometer and VLF-EM 16. Several EM-16 conductors were outlined. Bulldozer trenching was done on the KEY 3, 5 and 22 claims. A total of 469.7 m of diamond drilling was done on the KEY 3, 5 and 9 claims.
BRONSON	Cominco Ltd	115 O 14	Stringers of pyrite, chalcopyrite and galena are found in float boulders of Permian schist. IP, VLF and magnetometer surveys were done and 2 km of access road was constructed.
LONE STAR (REX)	Dawson Eldorado Mines Ltd, Arbor Resources Ltd	115 O 14	Gold occurs within a unit of quartz-muscovite schist which contains pyrite, arsenopyrite, mariposite, or grey-coloured carbonate blebs. Gold-bearing units in the LONE STAR mine and GAY GULCH areas may represent a single folded volcanogenic horizon. 1987 saw the completion of an airborne geophysical survey consisting of 4-frequency EM, high-frequency cesium-vapour mag. and 2-frequency VLF-EM, plus an altimeter survey with video flight-path-tracking film for control. Extensive ground surveys were done including detailed geochemical sampling, VLF-EM and IP. Targets were followed up by 1690.4 m of diamond drilling, 4063 m of rotary drilling and 24 trenches. Many drill and trench samples returned significant Au values (up to 242.9 g/t) which further defined two main areas of interest: the old LONE STAR MINE area and the GAY GULCH area. Very large tonnages of low grade material surrounding 6.9 to 14.7 g/t horizons were outlined.

HAWK	Arbor Resources Ltd	115 0 14	The west half of the HAWK property is underlain by granodioritic gneiss. The east half of the property is underlain by "Klondike" schist which is believed to be genetically related to the source of gold found on the property. The schist is cut by intrusions of several different types and ages. An airborne magnetometer survey delineated a trend which was further investigated by a ground magnetometer survey on a 12 km grid. Other work on the grid included soil and rock chip sampling and trenching. Two rotary holes totalling 198 m were drilled based on geological interpretation. The soil sampling and magnetometer surveys further outlined an extensive silver-base metal anomalous zone which trends across the property. Trenching and sampling of this trend returned values of Cu, Pb and Zn which are considered well below ore grade. Neither of the rotary drill holes reached the inferred target depth and none of the samples from these holes returned any significant geochemical values for the 33 elements tested.
LAW	All-North Resources Ltd	115 0 15	The property lies upstream of a rich placer gold paystreak in a small Hunker Creek tributary. Bedrock consists of quartz-muscovite, quartz-chlorite and graphitic schist. Bulldozer trenches were chip sampled at 20 m intervals. Very low gold assays were reported.
HUNK (HUN,KIN)	United Keno Hill Mines Ltd	115 0 15 116 B 3	Gold occurs in quartz veins in cutting schist. In 1987 the Ben Levy adit on Lower Hunker Creek was rehabilitated, mapped and sampled. A large soil grid covering Lower Hunker Creek and Solomon's Dome returned anomalous gold values from 5 separate areas. A VLF-EM survey was carried out over the geochemical grid. On the KIN claims, 18 bulldozer trenches were excavated to bedrock. Trenching of one of the geochemical anomalies exposed a series of en echelon gold-bearing quartz veins over a strike length of 1100 m. Values up to 32.2 g/t Au over 4 m were reported from this zone.
QUEST (QUEST, AMINO)	Silverquest Resources Ltd	115 P 15	Gold, silver, lead and zinc occur in numerous siderite and siderite-quartz veins which cut Cambrian or Precambrian schist and quartzite. The property was mapped at a scale of 1:5000.
O'BRIEN (A.J.) (CON, JA)	Cody Hawk Resources Inc.	116 B 8	Massive arsenopyrite, marcasite, pyrite, native gold (in arsenopyrite) occur in steeply-dipping veins cutting basal Cambrian quartzite near Antimony Mountain intrusion.

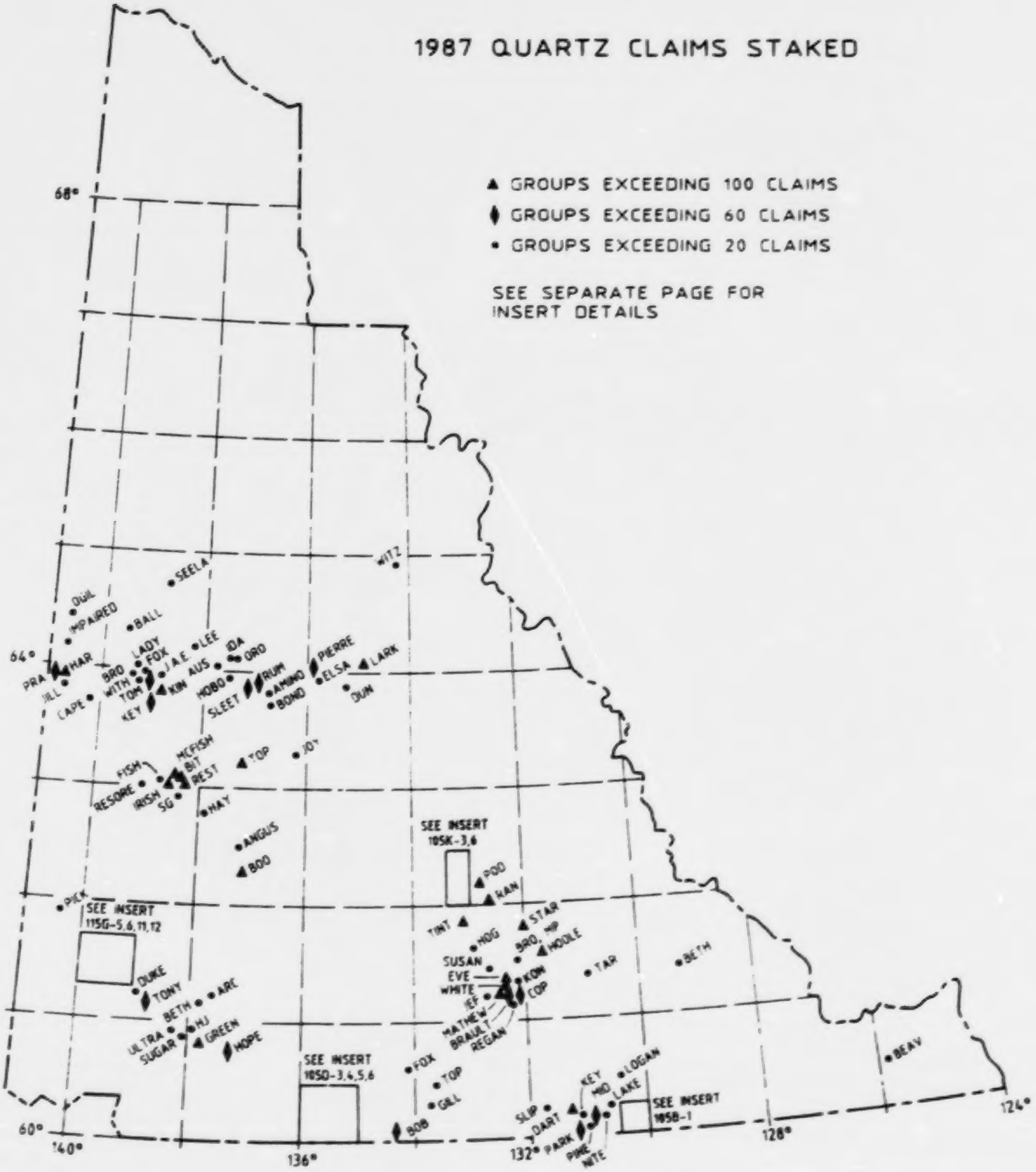
GROUPS OF GREATER THAN 20 CLAIMS STAKED IN 1987
(to December 31)

NTS	Claim Name	No.	Company/Staker
95 C 5	BEAN	20	C. Lammle, R. Quatermain
105 B 1	JAY	40	J. Sheldon
105 B 1	RAND	32	D. Schellenberg
105 B 1	ICE	32	D. Schellenberg
105 B 1	BALL	32	D. Schellenberg
105 B 1	RAJ	28	D. Schellenberg
105 B 1	ADD	42	D. Schellenberg
105 B 1	BURN	28	D. Schellenberg
105 B 1	RAM	28	D. Schellenberg
105 B 1	RAJA	32	D. Schellenberg
105 B 1	BOA	32	D. Schellenberg
105 B 1	LOIN	32	D. Schellenberg
105 B 1	HI	28	D. Schellenberg
105 B 1	ED	20	D. Schellenberg
105 B 1	RED	34	D. Schellenberg
105 B 1	VIC	24	D. Schellenberg
105 B 1	JIM	28	D. Schellenberg
105 B 1	ODIE	36	D. Schellenberg
105 B 1	LEE	48	D. Schellenberg
105 B 1	DK	44	T. McCrory, B. Preston, M. Nielsen
105 B 2	LAKE	52	D. Schellenberg
105 B 2	NITE	56	D. Schellenberg
105 B 2	MID	60	D. Schellenberg
105 B 2, 3	PINE	36	D. Schellenberg
105 B 3	DART	100	Apex Energy Corp.
105 B 3	KEY	30	D. Schellenberg
105 B 3	PARK	64	D. Schellenberg
105 B 4	SLIP	24	T. McCrory, A. & J. Perron, B. Preston
105 C 5	TOP	44	Dunvegan V.G. Syndicate
105 D 2	BOB	92	E. Bergvinson
105 D 3	KURT	52	E. Bergvinson
105 D 3	WOO	106	E. Bergvinson
105 D 3	HAL	42	E. Bergvinson
105 D 3	PIM	109	E. Bergvinson
105 D 3	SIN	139	D. Sufady, R. Quesnel, M. Ainsworth, M. Glynn
105 D 3	BERG	162	R. Quesnel, D. Sufady, R. Toohey, T. Mrozinski
105 D 3	BARR	28	Skukum Ventures Inc.
105 D 3, 4	WHE	302	T. Mrozinski, M. Ainsworth, R. Toohey, G. McLean, D. Sufady
105 D 4	WAT	140	D. Sufady, R. Toohey, M. Ainsworth, T. Mrozinski
105 D 4	MAG	205	M. Glynn, D. Sufady, R. Quesnel, M. Ainsworth, R. Toohey
105 D 4	DAY	83	T. Mrozinski, D. Sufady, R. Quesnel, R. Toohey, M. Glynn
105 D 6	NET	78	R. Toohey, M. Ainsworth, D. Sufady, T. Mrozinski

105 D 6	NOOS	48	T. Mrozinski, M. Ainsworth, R. Quesnel
105 D 6	VIN	115	M. Ainsworth, R. Quesnel, D. Sufady, T. Mrozinski
105 D 6	WAT	27	Pacific Trans-Ocean Resources Inc.
105 D 7	GILL	32	Noranda Exploration Co. Ltd.
105 D 9	FOX	48	J. Jobin, L. Brault
105 F 7, 8	LOGAN	32	Fairfield Minerals Ltd
105 F 7, 10	JEF	51	Cominco Ltd.
105 F 7, 8, 9, 10	MATHEW	146	M. Gray, C. Young, C. Ridley, B. Hall
105 F 8	REGAN	38	D. Ridley, C. Young
105 F 8	SUSAN	24	S. Case
105 F 8	EAGLE	28	H. Versluce
105 F 8, 9	MP	20	C. Verley
105 F 8, 9	BRAULT	61	R. Rivet
105 F 8, 9	WHITE	123	Mountain Province Mining Inc.
105 F 9	COP	41	G. Seybold, S. Case
105 F 9	BRO	32	R. Rivet, Quillo Resources Inc.
105 F 9	EVE	138	Mountain Province Mining Inc.
105 F 9, 10	KON	37	Canamax Resources Ltd.
105 F 9, 105 G 12	STAR	216	Welcome North Mines Ltd
105 F 10, 11	HOG	38	Yukon Minerals Corp.
105 F 16	TINT	205	Welcome North Mines Ltd
105 G 6	TAR	20	G. Clark
105 G 12	HOOLE	200	Welcome North Mines Ltd
105 H 6	BETH	25	Pulse Resources Ltd.
105 K 2	POD	107	Curragh Resources Ltd
105 K 2, 3	CAN	146	Noranda Exploration Co. Ltd.
105 K 2, 3, 4, 5, 105 F 15, 16	RAN	1022	G. Clark, R. Smarch
105 K 3	CES	28	EZEE Golds Ltd.
105 K 3	MARY	57	Dominion Explorers Inc.
105 K 3	ABE	35	Dominion Explorers Inc.
105 K 3	KELSEY	95	Dominion Explorers Inc.
105 K 6	RUBY	56	Doron Exploration Ltd
105 K 6	RV	165	Curragh Resources Ltd
105 M 13	ELSA	36	M. Kilby, M. Bashford, L. Dionne
105 M 14	DUN	24	R. Quesnel, M. Glynn
106 D 2	LARK	113	Archer, Cathro and Assoc. (1981) Ltd.
106 D 4	PIERRE	74	J. Moreau, H. Boudreau
106 D 16	WITZ	40	697895 Ontario Ltd.
115 A 11, 14	HOPE	72	Archer, Cathro and Assoc. (1981) Ltd.
115 A 13	GREEN	154	B. Lueck
115 A 13	HJ	20	R. Stack
115 B 16	ULTRA	20	Archer, Cathro and Assoc. (1981) Ltd.
115 B 16	SUGAR	25	Archer, Cathro and Assoc. (1981) Ltd.
115 F 15	PICK	34	Walhalla Exploration Ltd.
115 G 2	DUKE	44	Archer, Cathro and Assoc. (1981) Ltd.
115 G 2	TONY	60	Walhalla Exploration Ltd.
115 G 5	DON	49	R. Quesnel, M. Glynn
115 G 5	PS	22	Walhalla Exploration Ltd.
115 G 5	PC	50	Avanti Minerals Ltd.
115 G 5, 12	EUGENE	44	Archer, Cathro and Assoc. (1981) Ltd.
115 G 5	BARNY	36	Archer, Cathro and Assoc. (1981) Ltd.

115 G 5	NEW	22	R. Stack, G. Harris
115 G 5	SF	84	Harjay Exploration Ltd.; Archer, Cathro and Assoc. (1981) Ltd.
115 G 5	MISSY	28	B. Harris
115 G 5, 12	JEK	48	Archer, Cathro and Assoc. (1981) Ltd.
115 G 5, 6, 11, 12	VALLEY	57	Archer, Cathro and Assoc. (1981) Ltd.
115 G 6	EL	26	L. Halferdahl
115 G 6	JAN	66	L. Halferdahl
115 G 6	GREG	36	W. Zikos
115 G 6	KLU	31	Archer, Cathro and Assoc. (1981) Ltd.
115 G 6	WASH	51	Silverquest Resources Ltd.
115 G 6	TAD	30	T. Mogenson
115 G 11, 12	SWEDE	27	Archer, Cathro and Assoc. (1981) Ltd.
115 G 12	SAL	36	Harjay Exploration Ltd.; Archer, Cathro and Assoc. (1981) Ltd.
115 G 12	REED	42	Archer, Cathro and Assoc. (1981) Ltd.
115 G 12	PUMP	24	Archer, Cathro and Assoc. (1981) Ltd.
115 H 4	ARC	20	J. Ross
115 H 4	BETH	22	R. Dalbianco
115 I 3, 6	BOO	104	B. Harris, R. Stack
115 I 6	ANGUS	24	Archer, Cathro and Assoc. (1981) Ltd.
115 I 12	HAY	21	R. Copland
115 J 15, 115 0 2	RESORE	38	F. Spencer
115 J 16	SG	32	Ger Van Resources Ltd
115 N 10	JILL	24	B. Sauer, G. Smith, S. Dudka
115 N 10	CAPE	22	B. Sauer, G. Smith, S. Dudka
115 N 15	HAR	134	Croesus Resources Ltd.
115 N 15	PRA	70	Croesus Resources Ltd.
115 0 1	BTT	100	B. Lueck
115 0 1	IRISH	150	R. McPhee, W. Genge
115 0 1	KIPS	102	R. McPhee, W. Genge
115 0 1	REST	104	R. McPhee, W. Genge
115 0 1, 2	MCFISH	30	R. McPhee, I. Anderson
115 0 1, 2	FISH	64	R. McPhee, I. Anderson
115 0 2	ROI	42	S. Cone
115 0 2	WINE	57	F. Paukner
115 0 2, 115 J 15	RESORE	38	F. Spencer
115 0 11	KEY	87	D. Waugh
115 0 14	WITH	40	W. Dawson
115 0 14	FOX	50	G. Lee
115 0 14	BRO	50	Cominco Ltd.
115 0 14	TOM	64	W. Dawson
115 0 15	JAE	27	J.A.E. Resources Ltd
115 0 15	KIN	226	United Keno Hill Mines Ltd.
115 P 3	TOP	234	Wellington Financial Corp.
115 P 8	JOY	21	J. O'Neill
115 P 10, 15	BOND	25	Archer, Cathro and Assoc. (1981) Ltd.
115 P 14	SLEET	92	J. Muir, N. Harper
115 P 14	RUM	90	R. Robertson, K. McCrory
115 P 15	HOBO	52	Walhalla Exploration Ltd.
115 P 15	AMINO	27	Archer, Cathro and Assoc. (1981) Ltd.
116 A 4	AUS	32	G. Clark
116 A 4	IDA	23	Noranda Exploration Co. Ltd.
116 A 4	ORO	28	Noranda Exploration Co. Ltd.

116 B 1	LEE	32	G. Clark
116 B 3	LADY	22	W. Dawson
116 B 4, 5	BALL	40	J. Moreau
116 B 15, 16	SEELA	24	Dawson Eldorado Mines Ltd.
116 C 2	IMPAIRED	48	R. McPhee, M. Fraser
116 C 7	OGIL	37	J. Scarff, A. Johnny



1987 QUARTZ CLAIMS STAKED

▲ GROUPS EXCEEDING 100 CLAIMS

⧫ GROUPS EXCEEDING 60 CLAIMS

• GROUPS EXCEEDING 20 CLAIMS

SEE SEPARATE PAGE FOR INSERT DETAILS

68°
64°
60°
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WITZ
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J.A.E.
KIN
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HOBO
SLEET
RUM
AMINO
BOND
PIERRE
ELSA
LARK
DUN
FISH
MCFISH
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REST
RESORE
IRISH
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JOY
HAY
ANGUS
BOO
PICK
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115G-5,6,11,12
DUKE
TONY
BETH
ARE
ULTRA
SUGAR
HJ
GREEN
HOPE
SEE INSERT
105D-3,4,5,6
SEE INSERT
105K-3,6
POD
HAN
TINT
STAR
HOG
BRO, HP
HOOLE
SUSAN
EVE
WHITE
JEF
MATHEW
BRAULT
REGAN
KOM
COP
TAR
BETH
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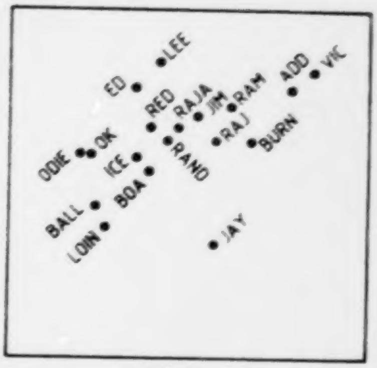
105B-1
BEAV

1987 QUARTZ CLAIMS STAKED
SEE MAP


LEE
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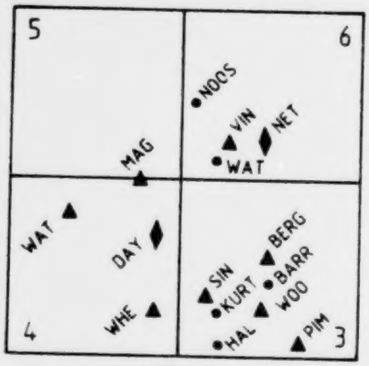
105 B - 1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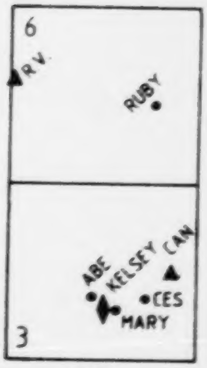
6
R.V.
RUBY
ABE
KELSEY
CAN
CES
MARY
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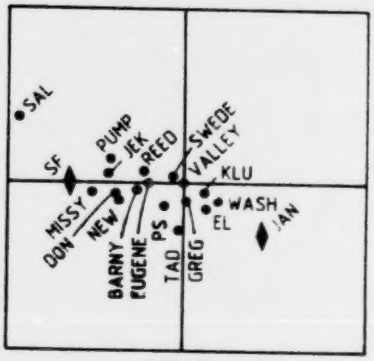
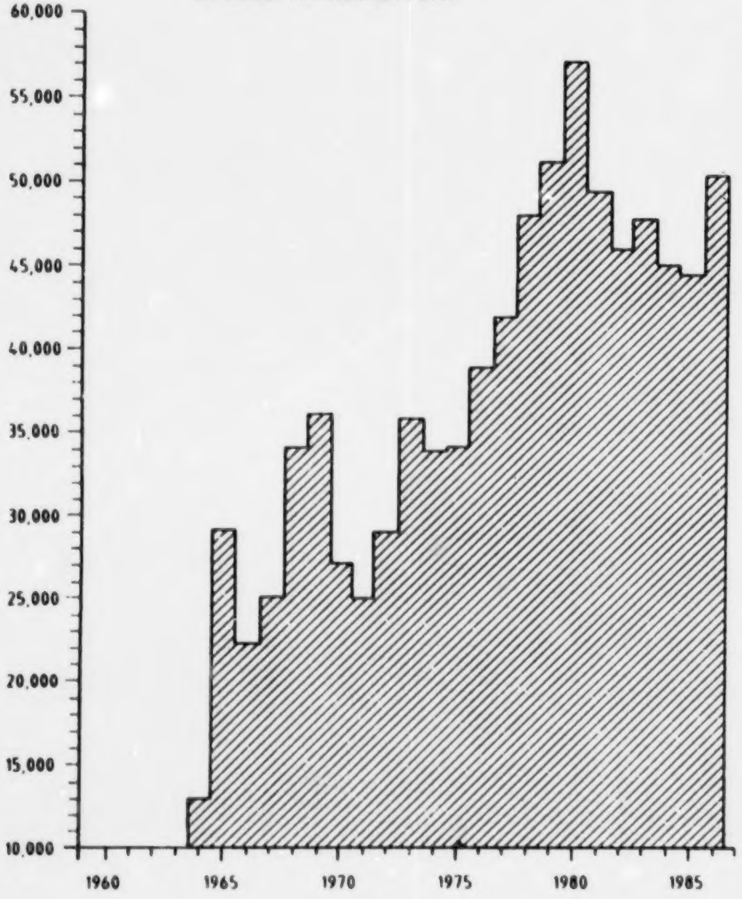
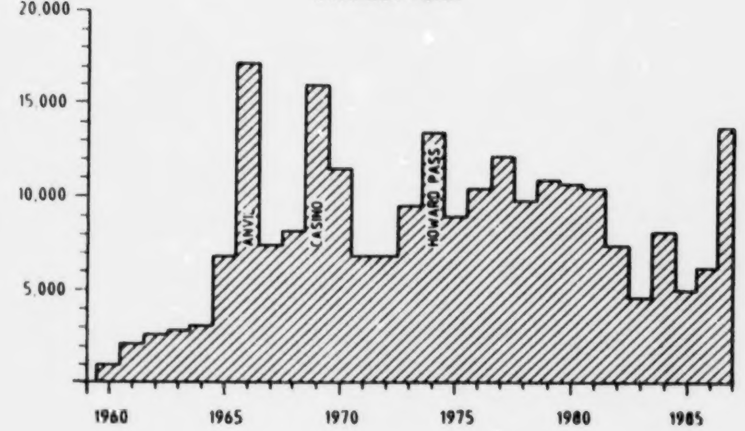
105 K


SAL
PUMP
JEK
REED
SWEDE
VALLEY
SF
KLU
WASH
MISSY
DON
NEW
BARNY
EUGENE
PS
TAD
GREG
EL
JAN

115 G



NUMBER OF LODE CLAIMS
IN GOOD STANDING/YEAR



NUMBER OF LODE CLAIMS
STAKED/YEAR

YUKON CLAIMS IN GOOD STANDING
(to December 31, 1987)

1987 CLAIM STATUS FOR WATSON LAKE MINING DISTRICT

	Quartz Claims	Quartz Leases	Iron & Mica Leases	Total Hardrock	Placer Claims	Placer Leases	Dredging Leases	Total Placer/ Dredging Claims & Leases
January	12 771	182	0	12 953	52	5	5	62
February	12 712	182	0	12 894	54	5	5	64
March	12 922	182	0	13 104	52	5	5	62
April	12 325	182	0	13 007	51	5	5	61
May	12 728	194	0	12 922	51	3	8	62
June	12 844	194	0	13 038	51	5	15	71
July	13 006	194	0	13 200	51	5	15	71
August	13 413	194	0	13 607	49	6	16	71
September	13 679	195	0	13 874	47	6	15	68
October	13 859	195	0	14 054	44	6	15	65
November	14 166	195	0	14 427	44	6	16	66
December	14 847	195	0	15 042	44	6	16	66

1987 CLAIM STATUS FOR WHITEHORSE MINING DISTRICT

	Quartz Claims	Quartz Leases	Iron & Mica Leases	Total Hardrock	Placer Claims	Placer Leases	Dredging Leases	Total Placer/ Dredging Claims & Leases
January	16 727	291	0	17 018	2783	69	0	2852
February	16 832	291	0	17 123	2756	68	0	2924
March	16 869	291	0	17 160	2781	69	0	2850
April	16 755	291	0	17 046	2773	78	0	2851
May	16 755	291	0	17 046	2766	78	0	2844
June	17 322	291	0	17 613	2828	81	0	2909
July	18 042	291	0	18 333	2831	92	0	2923
August	19 035	291	0	19 326	2796	87	0	2883
September	19 189	292	0	19 481	2880	88	0	2968
October	19 553	292	0	19 845	2930	96	0	3026
November	20 041	292	0	20 333	2816	99	0	2915
December	20 223	292	0	20 515	2817	102	0	2919

1987 CLAIM STATUS FOR MAYO DISTRICT

	Quartz Claims	Quartz Leases	Iron & Mica Leases	Total Hardrock	Placer Claims	Placer Leases	Dredging Leases	Total Placer/ Dredging Claims & Leases
January	7457	902	525	8884	1556	18	0	1574
February	7019	902	525	8446	1557	18	0	1575
March	6496	902	525	7923	1561	17	0	1578
April	6500	902	525	7927	1554	17	0	1571
May	6538	902	525	7965	1551	17	0	1568
June	6487	902	525	7914	1612	20	0	1632
July	6363	902	525	7790	1659	17	0	1676
August	6546	902	525	7973	1665	21	0	1686
September	6574	902	525	8001	1666	23	0	1689
October	6603	902	525	8030	1684	25	0	1709
November	6519	902	525	7946	1654	30	0	1684
December	6461	902	525	7888	1649	31	0	1680

1987 CLAIM STATUS FOR DAWSON DISTRICT

	Quartz Claims	Quartz Leases	Iron & Mica Leases	Total Hardrock	Placer Claims	Placer Leases	Dredging Leases	Total Placer/ Dredging Claims & Leases
January	6953	17	0	6970	10 013	143	4	10 160
February	7325	17	0	7342	10 022	143	4	10 169
March	7323	17	0	7340	10 030	163	4	10 197
April	7495	17	0	7512	10 222	163	4	10 389
May	7606	17	0	7623	10 388	198	4	10 590
June	7577	17	0	7594	10 631	239	4	10 874
July	7897	17	0	7914	10 653	265	4	10 922
August	8028	17	0	8045	10 704	266	4	10 974
September	8490	17	0	8507	10 767	266	4	11 237
October	8784	17	0	8801	10 776	268	4	11 048
November	8809	17	0	8826	10 853	268	5	11 126
December	8767	17	0	8784	10 613	270	5	10 888

1987 CLAIM STATUS FOR YUKON

	Quartz Claims	Quartz Leases	Iron & Mica Leases	Total Hardrock	Placer Claims	Placer Leases	Dredging Leases	Total Placer/ Dredging Claims & Leases
January	43 908	1392	525	45 825	14 404	235	9	14 648
February	43 888	1392	525	45 805	14 389	234	9	14 632
March	43 610	1392	525	45 527	14 424	254	9	14 687
April	43 575	1392	525	45 492	14 600	263	9	14 872
May	43 627	1404	525	45 556	14 756	296	12	15 064
June	44 230	1404	525	46 159	15 122	345	19	15 486
July	45 308	1404	525	47 237	15 194	379	19	15 592
August	47 022	1404	525	48 951	15 214	380	20	15 614
September	47 932	1406	525	49 863	15 360	383	19	15 762
October	48 799	1406	525	50 730	15 434	395	19	15 848
November	49 535	1406	525	51 466	15 367	403	21	15 791
December	50 298	1406	525	52 229	15 123	409	21	15 553

1987 ACTIVITY REPORT

YUKON EXPLORATION AND GEOLOGICAL SERVICES DIVISION
INDIAN AND NORTHERN AFFAIRS CANADA

INTRODUCTION

Exploration and Geological Services Division (EGSD) consists of six geologists, an office manager, a map salesperson and a secretary. The Division is part of the Mineral Resources Directorate of the Northern Affairs Program (NAP) along with the Mineral Rights and Mining Engineering Divisions. NAP is one of five programs of Indian and Northern Affairs Canada, and in Yukon is responsible for mineral resources management in much the same way as any provincial department of mines. The projects described below were funded either by EGSD or through the Canada-Yukon Economic Development Agreement.

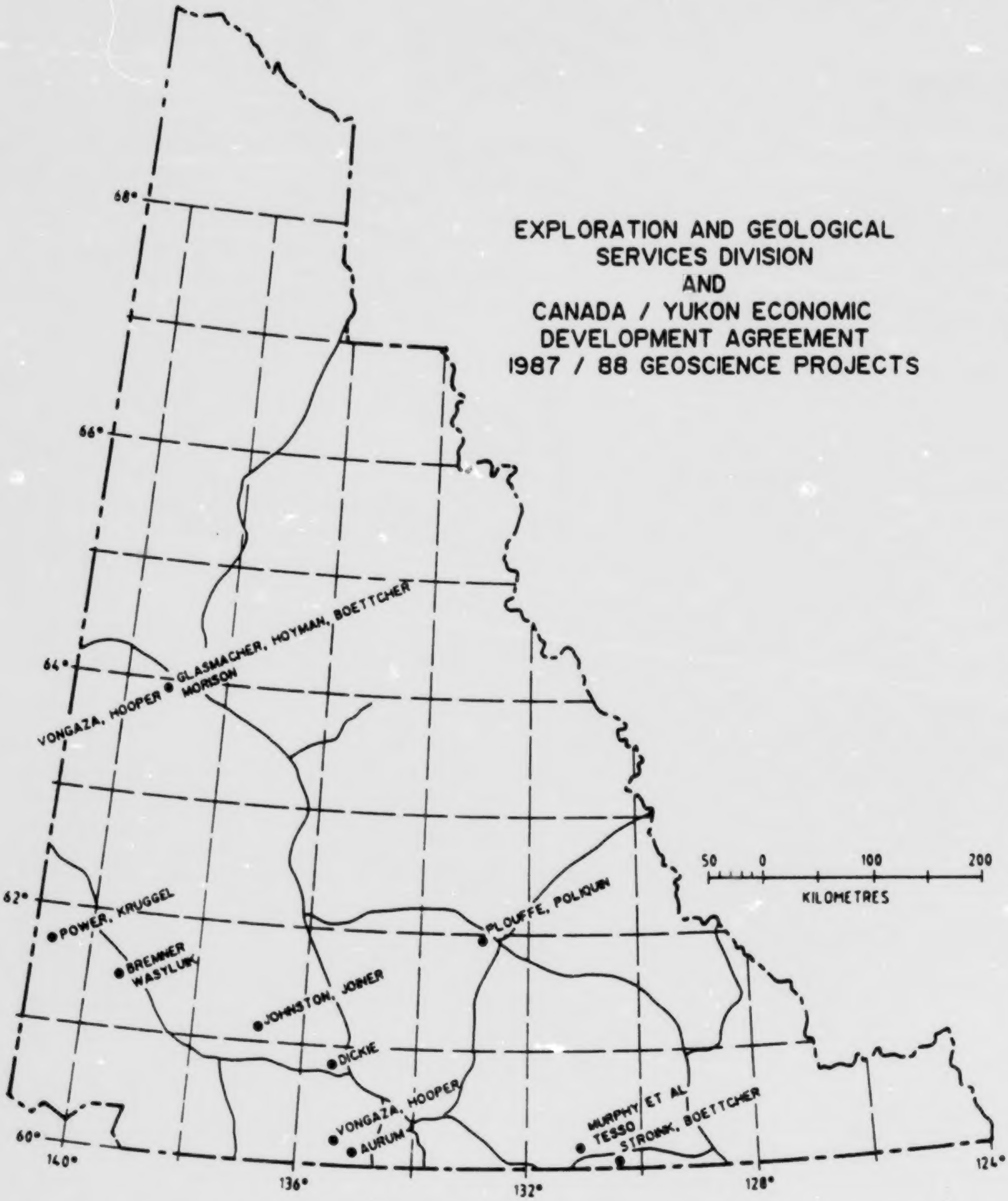
STAFF ACTIVITIES

1. Jim Morin - Chief Geologist
   - On change of work location in Vancouver from April 1 to March 31, 1988 to compile an inventory of Yukon gold and silver deposits.
   - Presented joint paper with R. Stroshein entitled "Disseminated precious metal targets in Yukon" at a symposium of the Geological Society of Nevada entitled "Bulk mineable precious metal deposits of the western United States"

   Fieldwork
   - Selected property visits to compile data for gold-silver inventory

2. Steve Morison - Placer Geologist
   - Acting Chief Geologist October 1 - March 31
   - Organized, with C.A.S. Smith (Agriculture Canada), a field excursion as part of the 12th Congress of the International Union for Quaternary Research (INQUA)
   - Co-edited and produced the INQUA field excursion guidebook. Copies of the guidebook entitled, "Quaternary Research in Yukon" are available through the Canada Map Office in Whitehorse
   - Presented a paper entitled "Regional Placer Deposit settings in Yukon Territory, Canada" at INQUA Congress in Ottawa, to be published through Geological Survey of Canada
   - Continuing work on the report and map of the geology of gravel deposits in the Klondike District
   - Contributed to the 1987 Yukon Mining and Exploration Overview

   Fieldwork
   - Mapping and property visits in the Klondike, Sixtymile, Mayo and Livingstone Creek areas
   - Supervised summer student projects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VONGAZA, HOOPER
GLASMACHER, HOYMAN, BOETTCHER
MORISON
POWER, KRUGGEL
BREMNER
WASYLUK
JOHNSTON, JOINER
DICKIE
PLOUFFE, POLIQUIN
VONGAZA, HOOPER
/
AURUM
MURPHY ET AL
TESSO
STRONK, BOETTCHER
50
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KILOMETRES

EXPLORATION AND GEOLOGICAL
SERVICES DIVISION
AND
CANADA / YUKON ECONOMIC
DEVELOPMENT AGREEMENT
1987 / 88 GEOSCIENCE PROJECTS

3. Grant Abbott - Mineral Geologist
   - Acting Chief Geologist April 1 - September 30
   - In August, presented a paper entitled "Devonian Extension and Wrench(?) Tectonics near Macmillan Pass, Yukon Territory, Canada" at the Second International Symposium on the Devonian System, Calgary
   - Led a field trip at Macmillan Pass for Canadian and Chinese geologists who are studying lead and zinc deposits in both countries under a Canada - China Scientific Exchange Agreement
   - Edited Yukon Exploration 1985/86, to be published in early December, 1987
   - Editing Yukon Geology Vol. 2 to be published by March 31, 1988
   - Preparing final report and maps on the geology of the Macmillan Pass area, to be completed 1988
   - Contributed to 1987 Yukon Mining and Exploration Overview

   Fieldwork
   - Supervised student and EDA projects
   - Visited most properties under active exploration

4. Diane Emond - Staff Geologist
   - Edited 1986/87 EDA reports
   - Contributed to the preparation of Yukon Exploration 1985/86 for publication
   - Approved exploration reports for assessment credit
   - Preparing report on tin and tungsten deposits of Mayo-McQuesten District, central Yukon
   - Contributed to 1987 Yukon Mining and Exploration Overview

   Fieldwork
   - Visited selected gold and silver occurrences in conjunction with Morin project

5. Trevor Bremner - Staff Geologist
   - Responsible for core aquisition program
   - Contributed to preparation of Yukon Exploration 85/86
   - Contributed to 1987 Yukon Mining and Exploration Overview
   - Will be responsible for preparing the 1987 Yukon Exploration report

   Fieldwork
   - 1:50 000 mapping near Wellgreen platinum deposit
   - Property scale mapping on Reed Creek (Kluane Ranges), Marsh Lake Whitehorse Coal properties

6. Bill LeBarge - Office Geologist - Assisted preparation of Yukon Exploration 1985/86
   - Assisted with maintenance of core library and core aquisition program
   - Will assist with preparation of Yukon Exploration 1987

   Fieldwork
   - On secondment from June 1 - October 9 to Mark Management Ltd. to gain field experience in the exploration industry

7. Map Sales - Beth Phillips
   - Operates the Canada Map Office which distributes topographic maps, Geological Survey of Canada publications and EGSD maps and publications

The Division sponsored fieldwork for the following thesis projects.

1. Mike Power - University of Alberta
   Microseismicity along the Duke River Fault System, southwest Yukon

2. Ken Wasyluik - University of Saskatchewan
   Geology of the Wellgreen platinum deposit

3. Peter Von Gaza - University of Alberta
   The application of remote sensing and digital landform modelling to mineral exploration in the Wheaton and Klondike Districts

4. Alain Plouffe - Carleton University
   Feasibility of drift prospecting for gold in the Tintina Trench, near Ross River

5. John Dickie - Dalhousie University
   Sedimentology of the Laberge Group near Whitehorse

6. Steve Johnston - University of Alberta
   Structural setting of the Aishihik Batholith

Canada-Germany Science and Technology Exchange Program

7. Frank Boettcher - Technical University - Aachen, Germany
   Mineralogy of placer gravels in the Klondike District

8. Karl-Heinz Hoyman - Technical University - Aachen, Germany
   Lithogeochemistry of bedrock, mineralization & alteration in the Klondike District

9. Ludwig Stroink - Technical University - Aachen, Germany
   Physicochemistry of sulphide deposits in the Rancheria District

Staff Publications

Abbott, J.G., 1987. Epigenetic mineral deposits of the Ketza-Seagull district, Yukon; in Yukon Geology Volume 1, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 56-66.

Abbott, J.G., 1987. Geology of the Plata-Inca Property, Yukon; in Yukon Geology Volume 1, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 109-112.

Gordey, S.P., Abbott, J.G., Tempelman-Kluit, D.J., and Gabrielse, H., 1987. "Antler" clastics in the Canadian Cordillera; Geology, Vol. 15, p. 103-107.

Morin, J.A., editor, 1987. "Mineral Deposits of the Northern Cordillera"; CIM Special Vol. 37, 378 p.

Morin, J.A. and Emond, D.S. editors. 1986. Yukon Geology, Volume 1; Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, 175 p.

Morison, S.R., 1987. Sedimentology of the White Channel Gravels, Klondike Area: Fluvial deposits of a confined valley; in Proceedings of the Third International Conference on Fluvial Sedimentology, Fort Collins Colorado, SEPM Spec. Pub., Recent Developments in Fluvial Sedimentology, p. 205-216.

Morison, S.R. and Smith, C.A.S., editors, 1987. Quaternary Research in Yukon, 12th Congress of the International Union for Quaternary Research (INQUA), Excursions A20a and A20b; 110 p.

CANADA/YUKON ECONOMIC DEVELOPMENT AGREEMENT (EDA) - MINERAL RESOURCE SUBAGREEMENT

Program 1 - Geological Mapping

Reports Released

EGSD O.F. 1987-1 "Geology of Sab Lake (105 B 7) and Meister Lake (105 B 8) map areas" by S.G. Amukun and G.W. Lowey

EGSD O.F. 1987-2 "Geology of Mount Nansen (115 I 3) and Stoddart Creek (115 I 6) map areas, Dawson Range, central Yukon" by G. Carlson.

EGSD O.F. 1987-3 "Geology of Colorado Creek (115 J 10), Selwyn River (115 J 9), and Prospector Mountain (115 I 5) map areas, western Dawson Range, central Yukon" by J.G. Payne, R.A. Gonzales, K. Akhurst, and W.G. Sisson.

Fieldwork

Al Doherty and Craig Hart, Aurum Geological Consultants; Whitehorse Project (105 D 3, 6)

Don Murphy and Francoise Goutier, Tesso International Consulting Co.; Rancheria Project (105 B 7, 8)

Program 2 - Geochemical Surveys (Administered by Geological Survey of Canada

Released

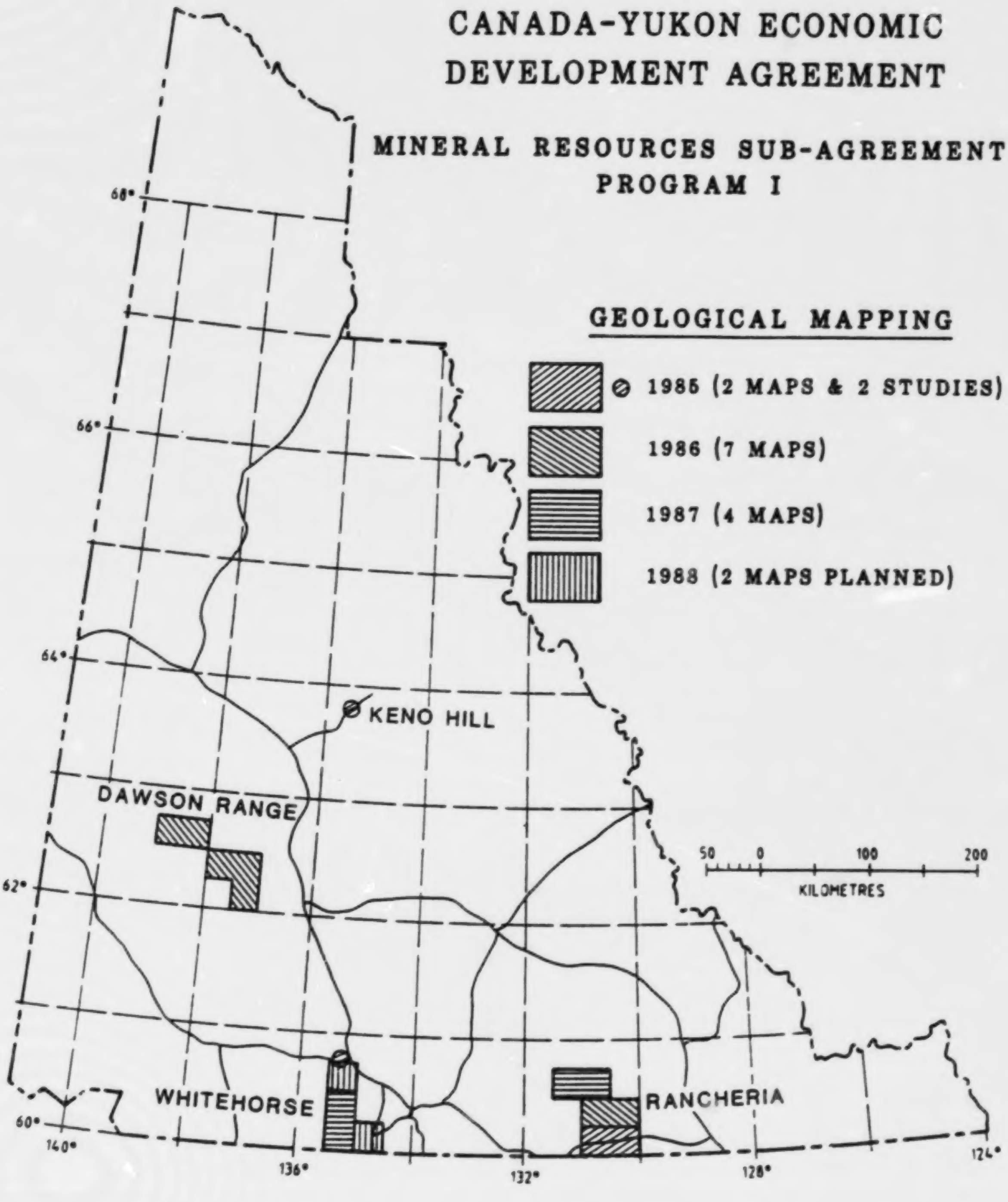
GSC O.F. 1362 NTS 115 G&F (east half) Kluane Lake

GSC O.F. 1363 NTS 115 J&K (east half) Snag

GSC O.F. 1364 NTS 115 N&O (east half) Stewart River

Fieldwork

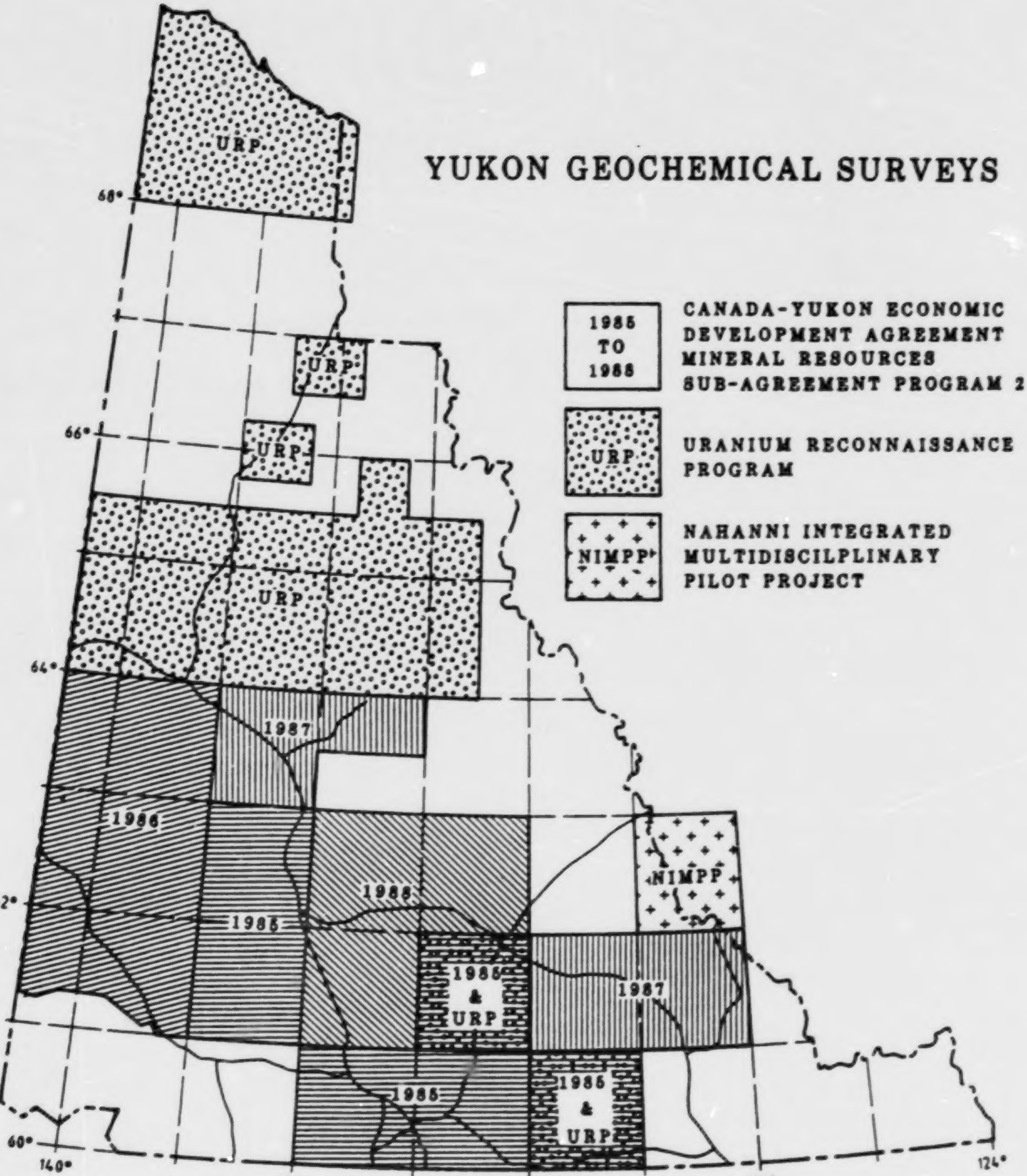
Map sheets 105 G, 105 H, 105 M (north half), 115 P



CANADA-YUKON ECONOMIC DEVELOPMENT AGREEMENT

MINERAL RESOURCES SUB-AGREEMENT PROGRAM I

GEOLOGICAL MAPPING
▨ ⊘ 1985 (2 MAPS & 2 STUDIES)
▨ 1986 (7 MAPS)
▤ 1987 (4 MAPS)
▥ 1988 (2 MAPS PLANNED)
KENO HILL
DAWSON RANGE
WHITEHORSE
RANCHERIA
50 0 100 200
KILOMETRES
68°
66°
64°
62°
60°
140°
136°
132°
128°
124°



YUKON GEOCHEMICAL SURVEYS

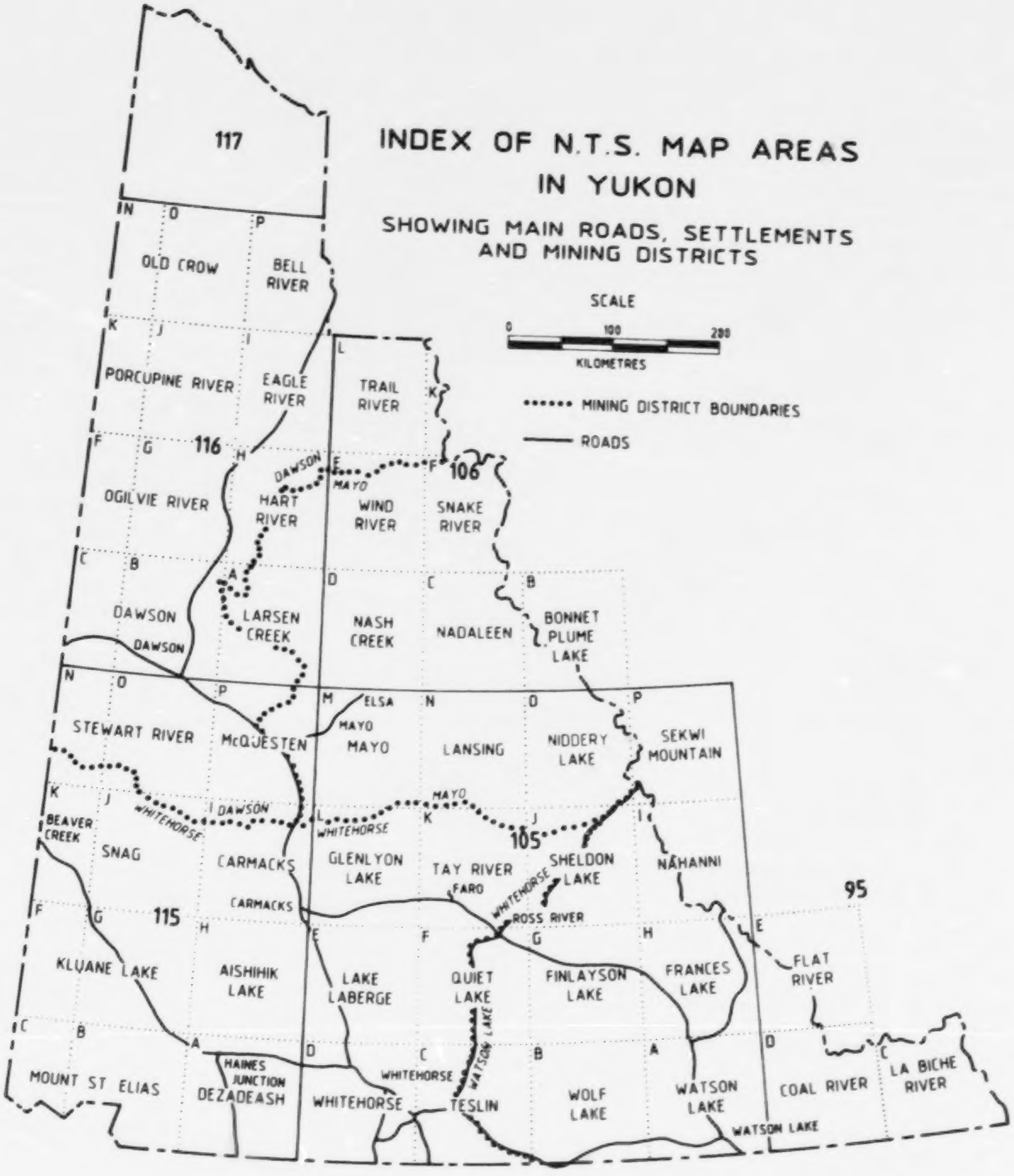
1985 TO 1988
CANADA-YUKON ECONOMIC DEVELOPMENT AGREEMENT MINERAL RESOURCES SUB-AGREEMENT PROGRAM 2
URP
URANIUM RECONNAISSANCE PROGRAM
NIMPP
NAHANNI INTEGRATED MULTIDISCILPLINARY PILOT PROJECT
URP
URP
URP
URP
1987
1986
1988
1985
1985 & URP
1987
1985
1985 & URP
NIMPP
68°
66°
64°
62°
60°
140°
136°
132°
128°
124°

SUMMARY OF PROSPECTOR'S ASSISTANCE AND EXPLORATION INCENTIVES PROGRAM, YUKON GOVERNMENT

During the last two years, the Yukon government has made $2.25 million in incentive funding available to the mining industry, through two programs. The Prospectors' Assistance Program contributes up to $5,500.00 toward the travelling and operational expenses of qualified individuals carrying out prospecting activities in the Yukon. The Exploration Incentives Program provides a 25 percent rebate of eligible expenditures for approved exploration projects carried out on valid mineral properties in Yukon. The contribution is limited to $50,000 per year, to a maximum of $100,000 per property. Applications are reviewed by a committee of Yukon government and DIAND representatives. A summary of the 1987 EIP projects is on the following page.

1987 EXPLORATION INCENTIVES PROGRAM SUMMARY

NAME	PROPERTY	NTS	COMMIT MENT
COAL PROJECTS			
Whitehorse Coal Corporation	WHITEHORSE COAL	105D11	17,497.12
		Subtotal	$17,497.12
PLACER PROJECTS			
Cal-Denver Resources Limited	DOMINION CREEK	116C07	50,000.00
Thirteen Mile Resources	THIRTEENMILE CK	115010	50,000.00
Forty-Mile	FORTYMILE RIVER	115N09	50,000.00
Berglynn	KLONDIKE	116B03	33,500.00
ICP Limited	INDEPENDENCE CK.	115014	30,000.00
Queenstake Resources Limited	MAISY MAY	115007	19,243.75
Konservative Placers	BEAR CREEK	115P09	15,250.00
Rivest Brothers Enterprises	MONTANA CREEK	115011	13,375.00
Moosehorn Exploration Program Limited Partnership	NORTH FORK	115N02	7,500.00
		Subtotal	$268,868.75
HARDROCK(QUARTZ) PROJECTS			
Fairfield Minerals Limited	RAM	105F10	50,000.00
Springmount Operating Company Limited	THUNDERBIRD	95D12	50,000.00
Silverquest Resources Limited	PIKE	105F10	50,000.00
Omni	SKUKUM CREEK	115011	50,000.00
Nordac Mining Corporation	REVENUE	115I06	50,000.00
Yukon Minerals Corporation	JEFF	115I03	50,000.00
Island	CHARLESTON	105M14	50,000.00
All-North Resources Limited	WELLGREEN	115G05	50,000.00
Aurchem Exploration Limited	GOULTER	115I03	50,000.00
Volcano Resources Corporation	McKINNON CREEK	115011	50,000.00
N.D.U. Resources Limited	PIGLET	106E01	50,000.00
Pak-Man Resources Inc.	BARNY	115G05	42,500.00
Morengo Resources Inc.	QUEEN	105A15	38,275.00
Rockridge Mining Corporation	CANALASK	115F15	37,500.00
2001 Resource Industries Limited	KLU	115G06	37,500.00
Silver Sabre Resources Limited	BEE	105D14	18,125.00
Canada Tungsten Mining Corporation Limited	DUBLIN GULCH	106D04	10,890.00
Moosehorn Exploration Program Limited Partnership	REEF	115N02	10,000.00
Midas Exploration	MIDAS	105E11	7,500.00
Autec Resources Limited	DOWS	115I03	1,050.00
		Subtotal	$753,340.00



INDEX OF N.T.S. MAP AREAS IN YUKON

SHOWING MAIN ROADS, SETTLEMENTS AND MINING DISTRICTS

SCALE
0
100
200
KILOMETRES
MINING DISTRICT BOUNDARIES
ROADS
117
116
106
105
115
95
N
O
P
OLD CROW
BELL RIVER
K
J
I
PORCUPINE RIVER
EAGLE RIVER
L
TRAIL RIVER
K
F
G
H
OGILVIE RIVER
HART RIVER
E
WIND RIVER
F
SNAKE RIVER
DAWSON
MAYO
C
B
A
DAWSON
LARSEN CREEK
D
NASH CREEK
C
NADALEEN
B
BONNET PLUME LAKE
DAWSON
N
O
P
STEWART RIVER
McQUESTEN
M
ELSA
MAYO
MAYO
N
LANSING
O
NIDDERY LAKE
P
SEKWI MOUNTAIN
K
J
I
DAWSON
WHITEHORSE
L
MAYO
WHITEHORSE
K
J
I
BEAVER CREEK
SNAG
CARMACKS
GLENLYON LAKE
TAY RIVER
FARO
SHELDON LAKE
WHITEHORSE
NAHANNI
CARMACKS
ROSS RIVER
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KLUANE LAKE
AISHIHIK LAKE
LAKE LABERGE
QUIET LAKE
FINLAYSON LAKE
FRANCES LAKE
FLAT RIVER
C
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C
WATSON LAKE
MOUNT ST ELIAS
HAINES JUNCTION
DEZADEASH
WHITEHORSE
WHITEHORSE
TESLIN
WOLF LAKE
WATSON LAKE
WATSON LAKE
COAL RIVER
LA BICHE RIVER

SUMMARIES OF ASSESSMENT WORK, DESCRIPTION OF MINERAL PROPERTIES AND MINERAL CLAIMS STAKED IN 1987

All known mineral occurrences in Yukon and areas known to have been staked for their mineral potential are represented by symbols on the following series of topographic maps, which are reduced from 1:250 000 scale. The map symbols are located as close as possible to the showing or showings on each property, or in the case of a work target to the centre of the strongest geochemical anomaly or area of mineralized float. The shape of each symbol indicates in a general way the deposit type, while the coloration of the symbol is an indication of the most important elements present. The symbols are explained in the legend on the following page.

Each mineral occurrence or work target on a given map sheet is assigned a unique identification number. The identification number is used to locate further information on the occurrence which is listed in the pages immediately following the map. The information listed includes the occurrence name, deposit type, commodities present, NTS location, deposit status and significant references.

The occurrence name is the most commonly used name or names for the showing or the name of the first claims staked to cover it. A work target with no documented showings may be included with an immediately adjoining property until there is evidence of a new discovery that warrants a separate name and number. Or, if there are no adjoining claims and the new claims are the first ones staked in the area, the target may be assigned a new name and number. A certain amount of guesswork is involved in deciding whether new claims should stand alone or be assigned to an existing property. The maps and lists are updated from year to year as new information allows these questions to be resolved. The deposit status is a number which reflects the stage of development the property has reached based on information publically available. Status numbers should be interpreted as follows:

1. In production
2. Calculated reserves, never produced
3. Past producer with calculated reserves
4. Past producer without calculated reserves
5. Length, thickness and grade defined, but no published reserves
6. Grade and one dimension (length or thickness) established (drill intersection or chip sample across trench or outcrop)
7. Mineralization present in outcrop; grab sample assays may be available
9. Work Target: information not available or mineralization not yet found in outcrop - may cover geochemical or geophysical anomalies or areas of mineralized float

The assessment work summaries are organized in order of occurrence number following each map sheet and mineral occurrence list. Where the work pertains to a target adjoining a previously known showing or work target the name of the adjoining property is used until there is evidence that a separate showing exists. Adjoining properties may share the same name without having any other affiliation.

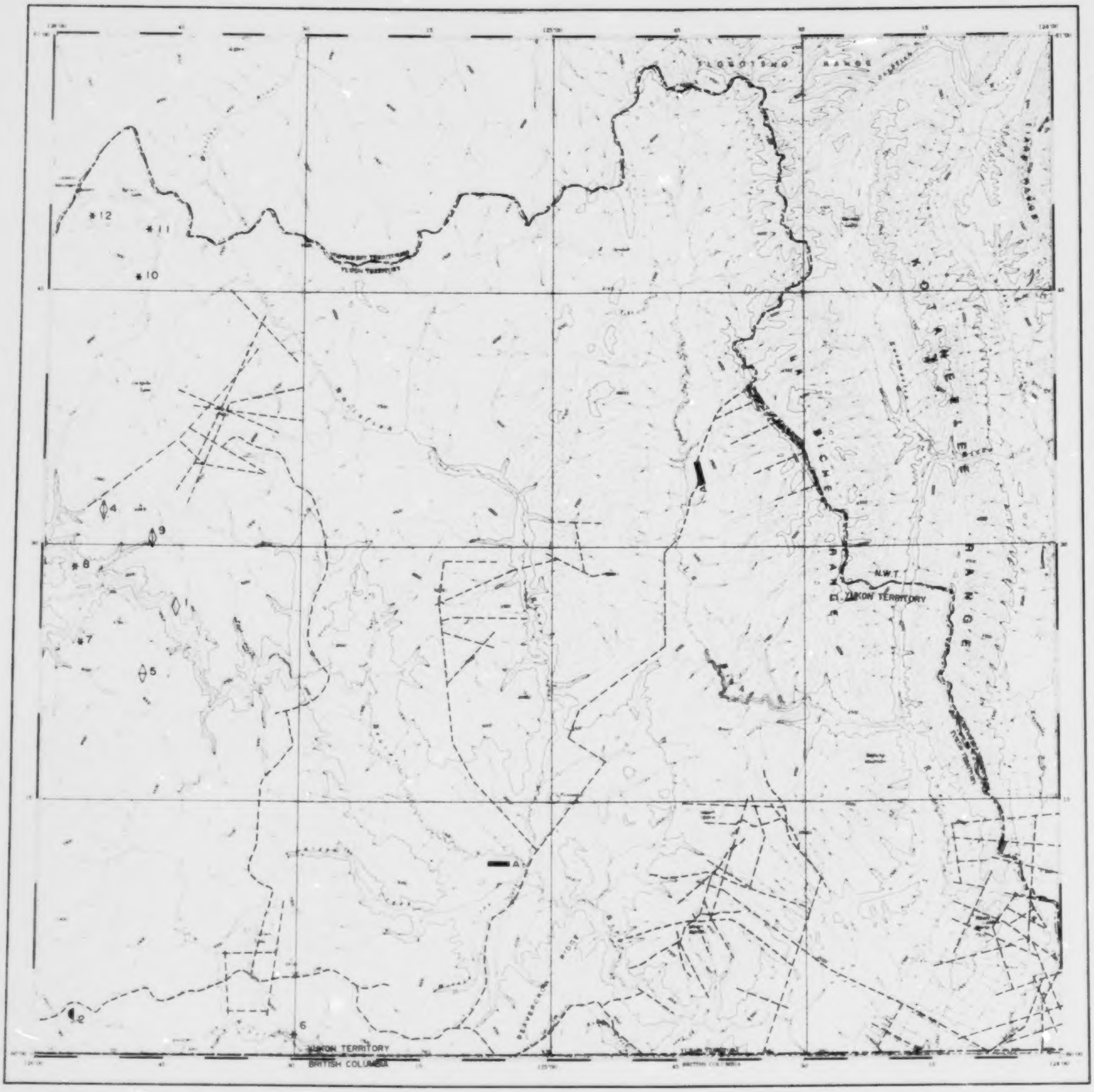
Further information on the properties listed may be available from the National Mineral Inventory (NMI), a looseleaf file maintained by Department of Energy, Mines and Resources. A copy of this file is available for viewing at the Map Sales counter at 200 Range Road, Whitehorse. An accurate and comprehensive inventory of Yukon mineral showings is also maintained by

LEGEND FOR MINERAL OCCURRENCE MAPS

SYMBOL	COMMODITY	DEPOSIT TYPE
⬬	Pb-Zn (±Au±Ag±Ba±Cu)	Stratabound Concordant
⬬	Ba (±Ag±Au±Pb±Zn)	
⬬	Fe (±Pb±Zn)	
⬬	Au	
⬭	Other	
▼	Pb-Zn (±Ag±Ba±Cu)	Stratabound Discordant
▼	Cu	
▼	U	
■	Cu (±Mo±Au±Ag±Pb)	Intermediate and Felsic Intrusion Associated (Porphyry, Sheeted Vein System)
◨	Mo (±Cu±W±Pb)	
◧	W (±Mo±Sn±Au)	
●	Cu (±Au±Ag±Fe±Pb±Zn±W±Co±Mo±Pt±Pd)	Skarn
◒	Pb-Zn (±Ag±Sn±Cu±W)	
◐	W (±Au±Mo±Sn±Zn±Cu±Pb)	
◑	Sn (±Au±Ag±W±Zn)	
◓	Other	
⬮	Au (±Sb±Mo±Cu±Pb)	Vein, Replacement Breccia
⬮	Ag (±Pb±Zn±Ba±Sb±Sn±Cu±W)	
⬮	Au-Ag (±Pb±Zn±Sb±Cu±Ba±Bi)	
⬮	Cu (±Au±Ag±Pb±Zn±Ba±Mo±W±Co±Ni)	
⬮	Sn (±Ag±Zn±Cu±Au±Pb)	
⬯	U, Rare Earth Elements (±Th±Nb±Cu±Co±Ag±Au±Sn)	
⬯	Pb-Zn (±Cu±Ag±Ba±Sb±Co±Mo)	
⬯	Other / Barite	
▲	Ni,Cu (±Platinum Group Elements±Asbestos)	Mafic and Ultramafic Intrusion Associated
▲	Cr	
▲	Asbestos	
△	Jade	
●	U and/or Cu (±Co±Au±Mo±Ba±Ag)	Wernecke Breccia, Granite Associated
◒	Pb-Zn	
◑	U	
✦	Topaz	Pegmatite
▬	Coal	
◖	Commodity known	Unclassified
•		Work Target

Archer, Cathro and Associates (1981) Ltd and is available from them on a fee and subscription basis.

95 C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A
TLOGOTSHO RANGE
BICHE RANGE
N.W.T.
YUKON TERRITORY
BRITISH COLUMBIA

LA BICHE RIVER

YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

5 0 5 10 15 20 25 30
Kilometres

- - - - - - Tote Trail.
——— Driveable Road.
▬ A Airstrip.

LA BICHE RIVER MAP-AREA (NTS 95 C)

General Reference: GSC map 1380A by R.J.W. Douglas, 1976.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	POOL	Vein Ba	95 C 5	7	
2	TROPICAL	Occurrence Ba Pb Zn	95 C 4	7	
4	TING	Vein Pb Ag Zn	95 C 12	6	INAC (1981, p. 131)
5	VISTA	Vein Rare Earth Elements	95 C 5	7	INAC (1987, p. 99)
6	DUFFY	Work Target	95 C 4	9	INAC (1982, p. 83)
7	THOR	Work Target	95 C 5	9	INAC (1982, p. 83)
8	TRANZ	Work Target	95 C 5	9	INAC (1985, p. 119) INAC (1986, p. 28)
9	BEAV	Vein Pb Zn	95 C 5	9	INAC (1986, p. 28-29)
10	DEEK	Work Target	95 C 13	9	INAC (1983, p. 81)
11	MARS	Work Target	95 C 13	9	INAC (1985, p. 120)
12	RUSH	Work Target	95 C 13	9	INAC (1983, p. 81)

VISTA
Consolidated Silver Standard Mines Ltd

Rare Earth Elements, Vein
95 C 5 (5)
60°23'N, 125°47'W
1986

References: INAC (1985, p. 121; 1987, p. 89-90)

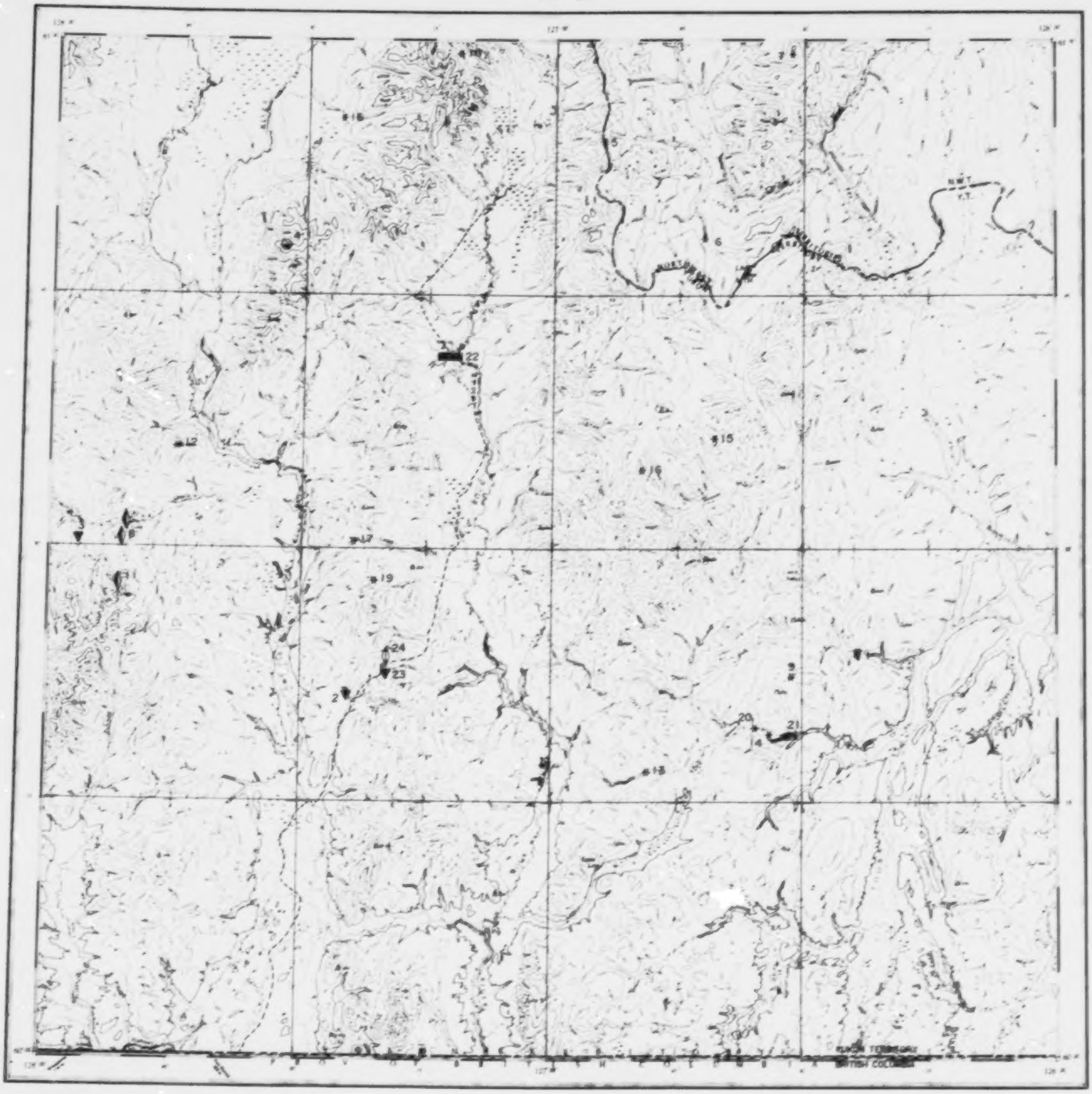
Claims: KID 1-8; MGM 1-44

Source: Summary by W.P. LeBarge from assessment report 091707 by L.R. Haynes.

Current Work and Results:

In 1986 the geochemical program involved the collection of 50 soil samples and 116 rock chip and grab samples, for the purpose of resampling areas with anomalous Rare Earth Elements and extending known mineralized zones. Several rock samples gave anomalous values for Rare Earth Elements including 11 with greater than 0.5% REE and 2 with greater than 2.0% REE. Soil sampling outlined several distinct REE highs coincident with radioactive fenite zones.

95 D



N.W.T.
Y.T.
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13
YUKON TERRITORY
BRITISH COLUMBIA
127° W

COAL RIVER

YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

5 0 5 10 15 20 25 30
Kilometres

- - - - - - - Tote Trail

——— Driveable Road

▬ A Airstrip

COAL RIVER MAP-AREA (NTS 95 D)

General Reference: GSC Map 11-1968 by H. Gabrielse, 1969.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	GUSTY	Occurrence Pb Zn Ba	95 D 8	7	Gabrielse & Blusson (1969, p. 16)
2	MEL-HOSER	Stratabound Discordant Pb Zn Ba	95 D 6	2	Miller (1984), Miller and Wright (1986); INAC (1987, p. 93-94)
3	McMILLAN	Stratabound Discordant Pb Zn Ag	95 D 12	2	Morin (INAC 1981, p. 105-109); INAC (1982, p. 85); Vaillancourt (INAC 1983, p. 73-77)
4	CHU	Skarn Pb Zn	95 D 13	7	
5	GABE	Work Target	95 D 15	9	Gabrielse & Blusson (1969, p. 16), INAC (1981, 133)
6	LAST	Work Target	95 D 15	9	Lambert (1969, p. 21-23)
7	STONEMARTEN	Work Target	95 D 15	9	Lambert (1969, p. 21-23)
8	PORKER	Vein Replacement Au	95 D 12, 5	6	INAC (1987, p. 94-95)
9	WOLF	Work Target	95 D 7	9	INAC (1982, p. 86)
10	SPORK	Work Target	95 D 14	9	INAC (1981, p. 133; 1982, p. 87)
11	CUZ	Vein Au	95 D 5	7	INAC (1987, p. 95-97)
12	PLAY	Work Target	95 D 12	9	INAC (1983, p. 83-87)
13	LOOTZ	Work Target	95 D 7	9	INAC (1983, p. 83-84)
14	JT	Work Target	95 D 7	9	INAC (1983, p. 83-85)
15	DUDDER	Work Target	95 D 10	9	INAC (1983, p. 83, 85)
16	DK	Work Target	95 D 10	9	INAC (1983, p. 83, 85-86)
17	STAR	Work Target	95 D 11	9	INAC (1982, p. 86)
18	HERPES	Work Target	95 D 14	9	INAC (1983, p. 83, 85-86)
19	DUO	Work Target	95 D 6	9	INAC (1983, p. 83, 86)
20	LOBO	Work Target	95 D 7	9	INAC (1983, p. 83, 86)
21	SPRUCE	Stratiform Zn Ba	95 D 7	7	INAC (1985, p. 124)
22	ROCK RIVER	Coal	95 D 11	2	INAC (1982, p. 83, 86); Long (1986); Wright and Miller (1986)
23	MEL-EAST	Stratabound Discordant Pb Zn	95 D 6	9	INAC (1986, p. 32)
24	JERI	Vein/Replacement Zn	95 D 6	6	INAC (1987, p. 97-98)

MEL (HOSER)
Novamin Resources Inc.

Lead, Zinc, Barite Stratabound Discordant
95 D 6 (2)
60°22'N, 127°25'W
1987

References: Miller and Wright (1986); INAC (1987, p. 93)

Claims: JEAN 1-21; WET 1-32; SOV 1-6; MEL 11-16; JOE 1-2F

Source: Summary by T. Bremner of assessment report 091944 by D.C. Miller.

Current Work and Results:

In 1987, seven BQ holes totalling 2011.99 m were drilled on the MEL property. Three of the holes were drilled south of the main zone and the other four holes tested the main deposit at depth. All of the drillholes penetrated wavy-banded limestone and interbedded calcareous shale. Rocks in the main zone are severely deformed. Tight folds, strong boudinage structures, breccia zones, abundant quartz-calcite veining and vuggy fractures are common.

The 1987 drilling intersected coarse-grained honey-coloured sphalerite and minor galena and pyrite in silicified calcareous shale cut by calcite-quartz veins and brecciated in places. The best intersections averaged 12.08% Zn, 0.02% Pb and 54.53% barite over 10.33 m in DDH 87-4 and 19.72% Zn and 2.08% Pb over 6.15 m in DDH 88-5. Barite is a highly variable constituent of the ore, ranging from an average of 54.53% in DDH 87-4 to 0.07% in DDH 87-5.

PORKER	**Gold Vein/Replacement**
Hyland Gold Joint Venture	**95 D 5, 12 (8)**
	60°31'N, 127°52'W
	1987

References: INAC (1987, p. 94-95)

Claims: PIGLET 1-32; QUIVER 1-34; SOW 1-5

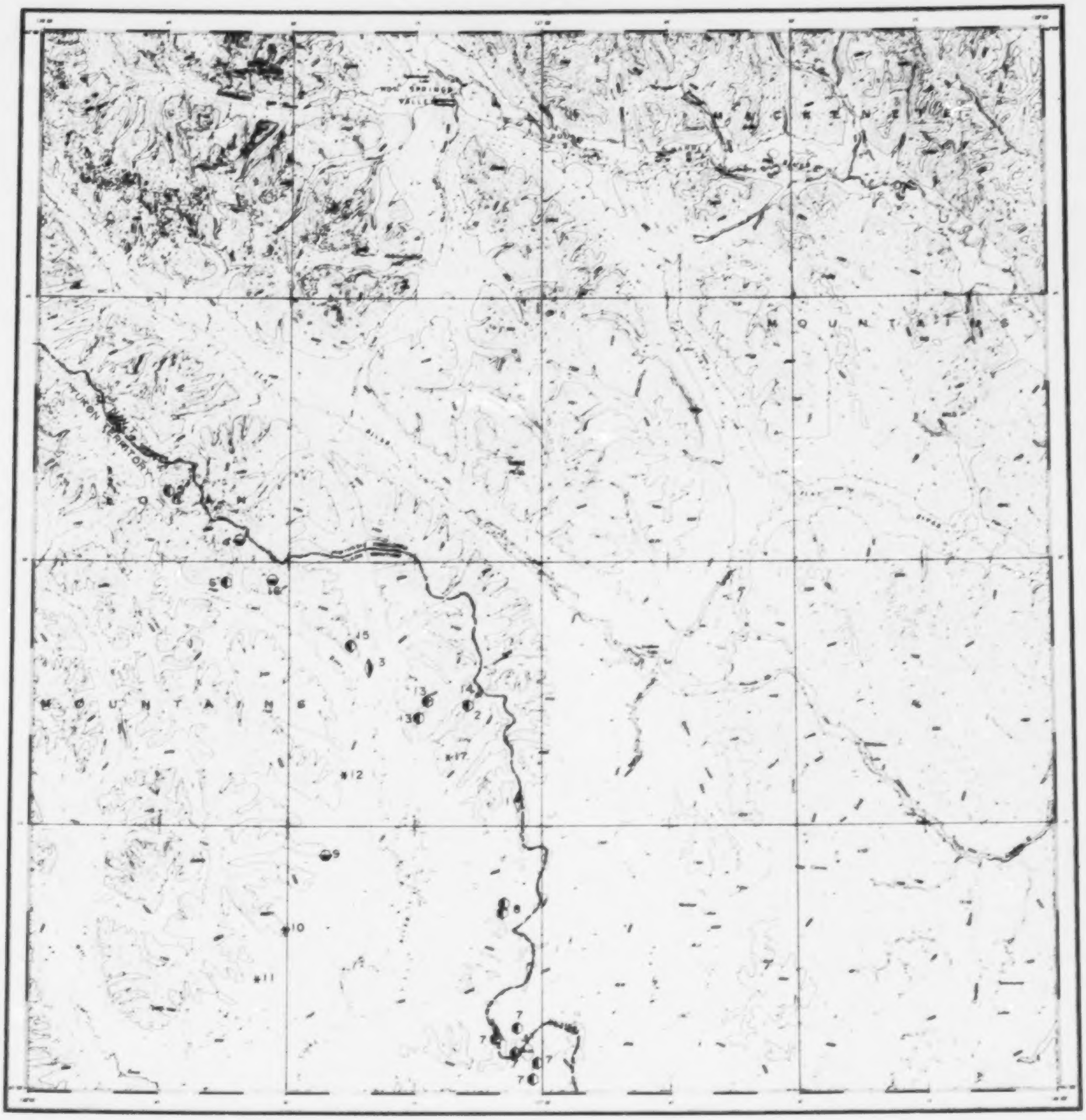
Source: Summary by T. Bremner of assessment report 092005 by J.T. Dennett and W.D. Eaton (Archer, Cathro and Associates (1981) Ltd.

Current Work and Results:

In 1987, 22 bulldozer trenches were excavated along the main trend of gold-bismuth-arsenic soil anomalies, exposing 4125 m of bedrock which was systematically channel-sampled. Significant geochemical values were obtained from graphitic horizons and limonite breccias. A graphitic shear zone and adjacent tuffaceous quartzite showing intense quartz-pyrite-tourmaline alteration was exposed in trench 87-11 close to a major north-trending fault. The weighted average grade ocross the shear zone and altered wallrock is 2.3 g/t Au over 15.5 m. A limonitic breccia zone exposed in trench 87-6 produced assays up to 2.54 g/t Au over 5 m. The breccia is cut off on the east side by faults. The north and west limits of the breccia are presently unknown but to the south it grades into a 20-30 m wide stockwork zone with a 5 to 10 m wide strongly fractured core. The stockwork zone in trench 87-13 averaged 1.54 g/t Au over 25 m including one interval that assayed 3.98 g/t Au across 5 m.

(FLAT RIVER 95E)

95 E


HOT SPRINGS VALLEY
MACKENZIE
MOUNTAINS
YUKON TERRITORY
MOUNTAINS
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FLAT RIVER

YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

5 0 5 10 15 20 25 30
Kilometres

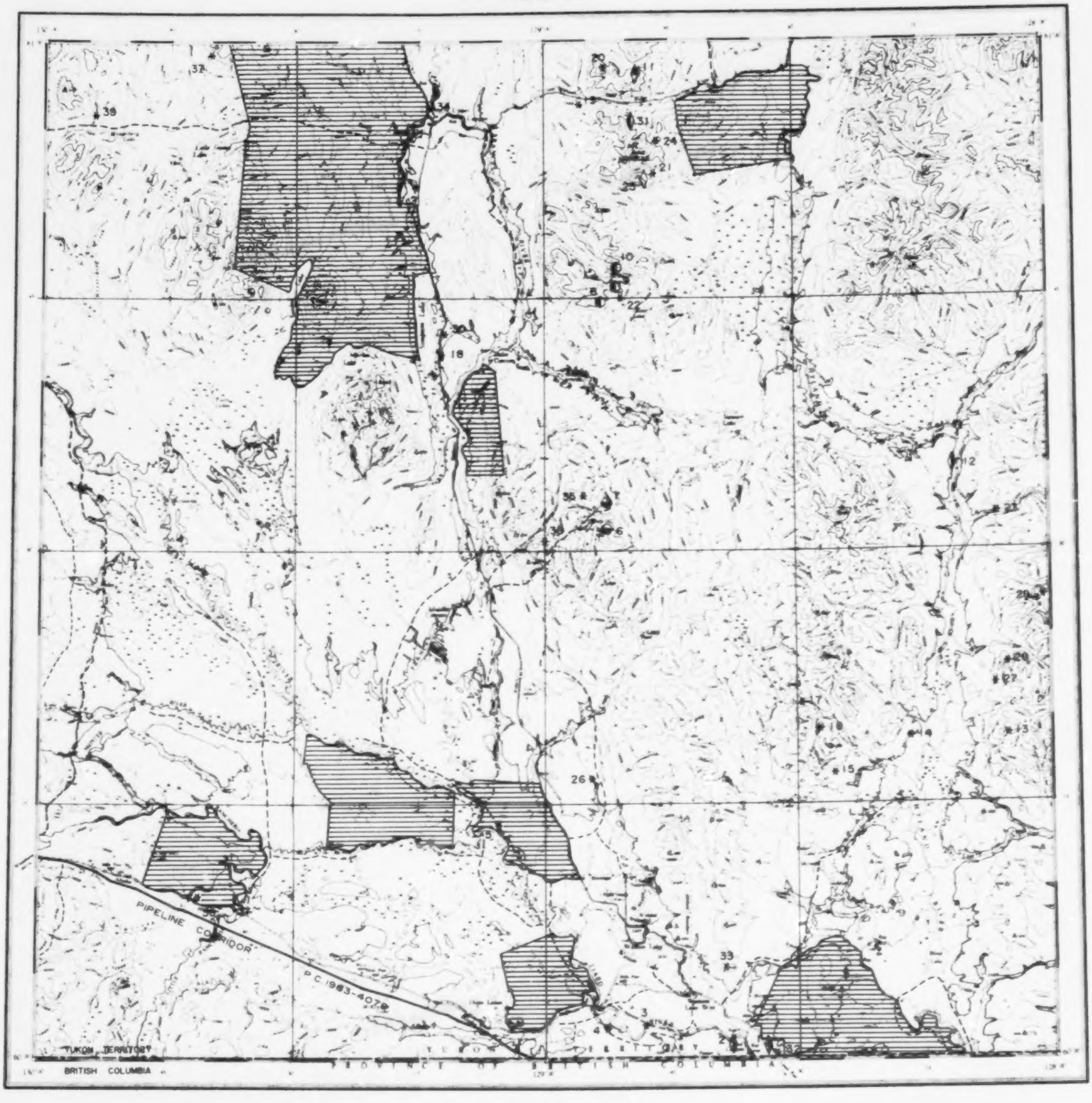
- - - - - - - Tote Trail
——— Driveable Road
▬ A Airstrip

FLAT RIVER MAP-AREA (NTS 95 E)

General Reference: GSC Map 1313A and Memoir 366 by H. Gabrielse, J.A. Roddick, S.L. Blusson, 1973.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	TWIN (SUNSET)	Vein Cu Ag Pb Zn Au	95 E 6	6	Morin et al (1980, p. 50)
2	KOMISH	Skarn W	95 E 6	7	
3	MARION	Vein Ag Pb Zn	95 E 6	7	Mulligan (1964, p. 81); Gabrielse et al (1965, p. 28)
4	HEATHER	Skarn Zn Pb (Ag Sn)	95 E 12	7	
5	CAESAR	Skarn W	95 E 12	7	
6	CHARLIE	Skarn W Mo	95 E 5	7	D.I.A.N.D. (1981, p. 135)
7	IVO	Skarn W	95 E 3	6	D.I.A.N.D. (1983, p. 89)
8	SNEET	Skarn W	95 E 3	7	D.I.A.N.D. (1981, p. 136)
9	FYIQ	Skarn Pb Zn Cu	95 E 3	7	D.I.A.N.D. (1981, p. 136-137)
10	JOSE	Work Target	95 E 4	9	D.I.A.N.D. (1981, p. 137)
11	NOWA	Work Target	95 E 4	9	D.I.A.N.D. (1981, p. 137)
12	HOGIE	Work Target	95 E 6	9	D.I.A.N.D. (1981, p. 137)
13	CREAM	Skarn W	95 E 6	7	D.I.A.N.D. (1983, p. 89)
14	LABELLE	Work Target	95 E 6	9	D.I.A.N.D. (1981, p. 137)
15	ROSE	Skarn W	95 E 6	6	D.I.A.N.D. (1982, p. 90)
16	RIO	Skarn Ag Pb Zn	95 E 5	5	D.I.A.N.D. (1982, p. 90)
17	VNER	Work Target	95 E 6	9	D.I.A.N.D. (1982, p. 90)

105 A


PIPELINE CORRIDOR
P.C. 1983-4078
YUKON TERRITORY
BRITISH COLUMBIA
PROVINCE OF BRITISH COLUMBIA
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WATSON LAKE
YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

5 0 5 10 15 20 25 30
Kilometres

- - - - - - - - Tote Trail
———————— Driveable Road
▬ Airstrip.

WATSON LAKE MAP-AREA (NTS 105 A)

General Reference: GSC Map 19-1966 by J. Gabrielse, 1966.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	WATSON	Vein Ag Pb Zn	105 A 2	7	INAC (1986, p. 38)
2	NAZO	Vein Ag Pb Ba	105 A 2	5	INAC (1986, p. 39)
3	CAROL	Work Target	105 A 2	9	Lord (1944, p. 19)
4	ALBERT	Work Target	105 A 2	9	Lord (1944, p. 19)
5	SAWMILL	Work Target	105 A 3	9	Lord (1944, p. 19)
6	HUNDERE	Skarn Pb Zn Ag	105 A 10, 7	2	Abbott (1981, p. 45-50); INAC (1987, p. 104)
7	RITCO	Skarn Pb Zn Ag	105 A 10	9	INAC (1986, p. 40)
8	OSCAR	Skarn W Cu Mo	105 A 10	7	
9	PAT	Skarn W Cu	105 A 15	2	INAC (1981, p. 140)
10	MARTIN	Skarn W Cu	105 A 15	7	
11	NOTT	Vein Cu Pb Zn Ag	105 A 15	6	INAC (1982, p. 93-94; 1986, p. 42); This report
12	WARBURTON	Vein Ag Cu Pb Zn	105 A 9	7	INAC (1985, p. 131, 132)
13	HYLAND	Work Target	105 A 8	9	INAC (1982, p. 94; 1986, p. 42)
14	TILL	Work Target	105 A 8	9	INAC (1981, p. 141)
15	LING	Work Target	105 A 8	9	INAC (1981, p. 141)
16	TOMMY	Work Target	105 A 8	9	INAC (1981, p. 141)
17	CELESTIAL	Work Target	105 A 8	9	INAC (1982, p. 94)
18	FALSE	Work Target	105 A 11	9	INAC (1981, p. 141)
19	KLUNK	Work Target	105 A 15	9	INAC (1981, p. 141)
20	BLACK	Work Target	105 A 15	9	INAC (1982, p. 94-95)
21	MURRAY (RAY)	Work Target	105 A 15	9	INAC (1981, p. 140)
22	PEGASEUS	Work Target	105 A 15	9	INAC (1981, p. 141)
23	GUM BEE	Work Target	105 A 9	9	Morin et al (1980, p. 51)
24	EMILY	Work Target	105 A 15	9	Morin et al (1980, p. 52) INAC (1986, p.42)
25	MARK	Vein W	105 A 15	7	Morin et al (1980, p. 52)
26	GE	Work Target	105 A 7	9	INAC (1985, p. 131, 132)
27	CJ	Work Target	105 A 8	9	INAC (1982, p. 95)
28	MJM	Work Target	105 A 8	9	INAC (1982, p. 95)
29	AUP	Work Target	105 A 8	9	INAC (1983, p. 91-92)
30	CASHBOX	Work Target	105 A 11	9	INAC (1982, p. 95)
31	MOLLY	Vein Mo Au	105 A 15	7	INAC (1986, p. 41)
32	P.D.	Work Target	105 A 2	9	INAC (1985, p. 131)
33	MEL	Work Target	105 A 2	9	INAC (1985, p. 131)
34	PUG	Work Target	105 A 14	9	INAC (1985, p. 132)
35	NORTHWEST	Work Target	105 A 10	9	INAC (1986, p.41; 1987, p. 104)
36	MIX	Work Target	105 A 4	9	INAC (1986, p. 42)
37	TIM	Work Target	105 A 13	9	INAC (1986, p. 42)
38	BUNYIP	Work Target	105 A 10/11	9	INAC (1987, p. 104)
39	LIV	Work Target	105 A 13	9	INAC (1987, p. 104)

HUNDERE	Lead, Zinc, Silver Skarn
Canamax Resources Inc.	105 A 7, 10 (6)
	60°32'N, 128°53'W
	1986

References: Abbott (1981, p. 45-50); INAC (1987, p. 104)

Claims: MICA 1-41; CIMA 13-102; HUN 1-308

Source: Summary by T. Bremner of assessment report 091927 by A.C. Hitchins.

Current Work and Results:

Drilling in 1986 consisted of 20 NQ holes totalling 3094 m. Seven of the drillholes penetrated narrow mineralized skarn bands. The best results were reported from DDH 86-132, where the thickest of three skarn bands contained 7.45% Pb, 10.36% Zn and 25.7 g/t Ag over 6.45 m. DDH 86-139 cored five metres of massive magnetite-pyrrhotite replacement mineralization in limestone.

NOTT
Morengo Resources, Inc.

Copper, Lead, Zinc, Silver
Vein
105 A 15 (11)
60°59'N, 128°49'W
1986, 1987

References: INAC (1982, p. 93-94)

Claims: QUEEN 1-20

Source: Summary by T. Bremner of assessment reports 091986 by P.A. Christopher and 091987 by W. Waters.

Description:

Chalcopyrite, galena, sphalerite, pyrite and tetrahedrite occur in sheared, fractured quartz monzonite of Cretaceous age. The sulphides occur as disseminations or fracture fillings in a zone which trends 90-100° and may be up to 15 m wide. Three sets of pervasive fractures with orientations 000/80° W, 090/45° S and 000/horizontal form a boxwork pattern.

Current Work and Results:

Two samples were taken from the main prospect area during a brief property examination in 1986. A grab sample of muck from the edge of an old pit contained 1.51% Cu, 3.53% Pb, 4.04% Zn, 534.6 g/t Ag and 0.07 g/t Au. A three-metre chip sample assayed 0.39% Cu, 0.84% Pb, 0.85% Zn, 115.9 g/t Ag and 0.07 g/t Au.

In 1987, 5 BQ wireline holes totalling 353.9 m were drilled from two locations. Low-grade mineralization associated with intense potassic and propylitic alteration was encountered in all drillholes. All three sets of fractures were mineralized with galena, chalcopyrite and pyrite both at surface and in drill core. Disseminated galena, chalcopyrite and pyrite was also evident in surface rocks and in drill core. A 1.5 m sample from DDH #1 returned 135 g/t Ag, 0.45% Cu, 0.56% Pb and 1.0% Zn.

6. HUNDERE

Canamax Resources Inc.
105 A 10
60°33'N, 128°55'W

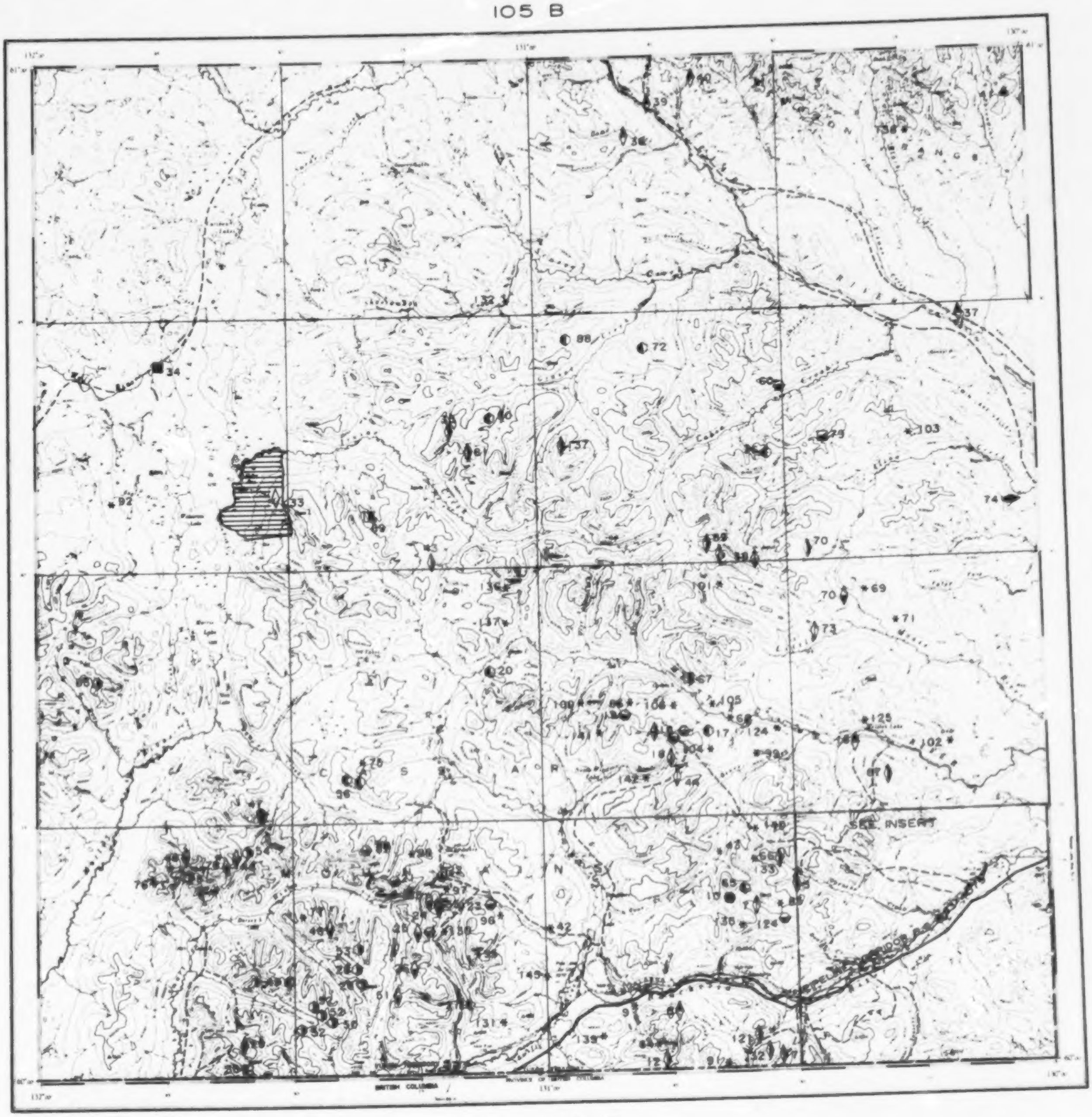
Claims: HUN 309-318

31. MOLLY

A. Black
105 A 15
60°55'N, 128°49'W

Claims: JACK 5-8

105 B


SEE INSERT
BRITISH COLUMBIA
YUKON TERRITORY

WOLF LAKE

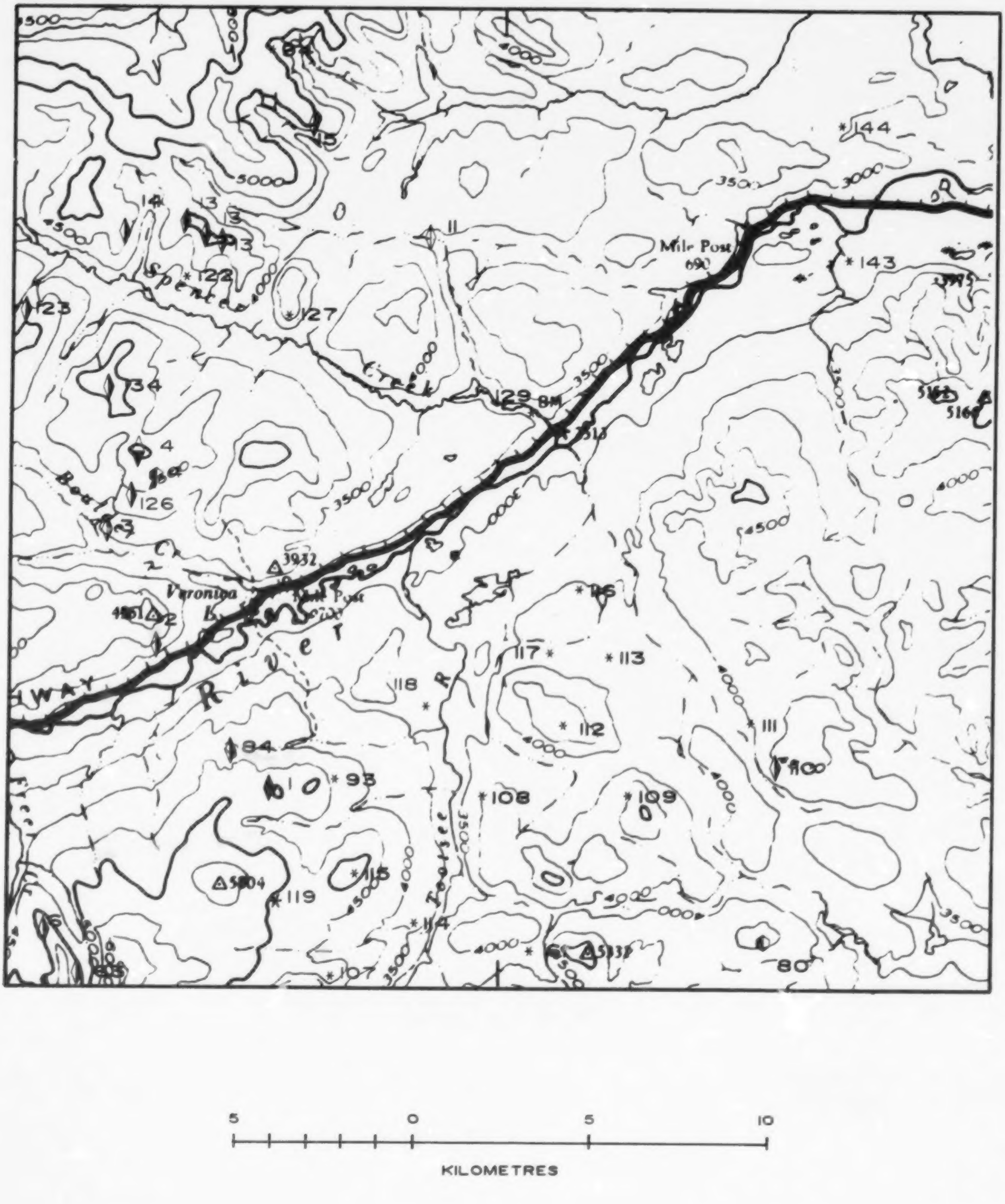
YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

5 0 5 10 15 20 25 30
Kilometres

- - - - - Tote Trail.
—— Driveable Road.
▬ A Airstrip.

105B-1


3500
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Spencer
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Veronica
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Δ5337
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KILOMETRES

WOLF LAKE MAP-AREA (NTS 105 B)

General References: GSC Map 10-1960 by W.H. Poole, J.A. Roddick and L.H. Green, 1960;
INAC Open File 1986-1 (105 B 1 and 2) by G.W. Lowey and J.F. Lowey, 1986;
INAC Open File 1987-1 (105 B 7 and 8) by S.W. Amukun and G.W. Lowey, 1987;
INAC Open File 1988-1 (105 B 10 and 11) by D.C. Murphy, 1988;
GSC Geochemical Open Files 1289 and 563.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	LORD (IDAHO)	Vein, Replacment Au Ag Pb Zn	105 B 1	7	Lowey and Lowey (1986, p. 92); INAC (1987, p.111)
2	STERLING	Vein Ag Pb Zn	105 B 1	7	Lowey and Lowey (1986, p. 89-90); This Report
3	LUCK	Replacement Pb Zn Ag	105 B 1	6	Lowey and Lowey (1986, p. 83-84); INAC (1987, p.113-114); This Report
4	FIDDLER	Vein Pb Zn Ag, Skarn W Mo	105 B 1	6	INAC (1981, p. 144); Lowey and Lowey (1986, p. 87-89)
5	LENA	Vein Pb Zn Ag	105 B 1	7	INAC (1985, p. 140); Lowey and Lowey (1986, p. 103-104); This Report
6	DALE	Vein Pb Zn Ag	105 B 1	5	INAC (1985, p. 140-141); Lowey and Lowey (1986, p. 82-83)
7	HOLLIDAY	Vein Ag Pb Zn	105 B 2	7	Lowey and Lowey (1986, p. 101-102); INAC (1987, p. 114-115)
8	TROY	Vein, Replacement Cu	105 B 2	7	Lowey and Lowey (1986, p. 98)
9	CARLICK	Work Target	105 B 2	9	INAC (1985, p. 142; 1986, p. 59); Lowey and Lowey (1986, p. 104-105)
10	SHILSKY	Skarn Cu	105 B 2	7	Lowey and Lowey (1986, p. 98-99); INAC (1987, p.115-117)
11	KUBIAK	Vein Pb Zn	105 B 1	7	INAC (1986, p. 58)
12	BLACK ROCK	Vein Ag Pb Zn Cu	105 B 2	7	Lowey and Lowey (1986, p. 106)
13	KODIAK	Vein, Replacement Pb Ag Zn	105 B 1	7	Lowey and Lowey (1986, p. 90-91); INAC (1986, p. 48; 1987, p. 117-118)
14	HARDTACK	Vein Ag Pb Zn	105 B 1	7	Lowey and Lowey (1986, p. 85-86); INAC (1987, p. 118-120)
15	KERNS	Vein Ag Pb Zn Cu W	105 B 1	7	INAC (1985, p. 144); Lowey and Lowey (1986, p. 93-94)
16	MEISTER	Vein Cu	105 B 8	7	
17	NITE	Skarn W Mo Zn	105 B 7	7	Amukun and Lowey (1987)
18	MIDNIGHT (MID)	Skarn, Vein Pb Ag	105 B 7	6	Amukun and Lowey (1987); INAC (1987, p. 121); This Report
19	AURORA	Vein, Skarn Ag Pb Zn Cu	105 B 7	7	INAC (1986, p. 56); Amukun and Lowey (1987)
20	ALMOST	Skarn W	105 B 6	7	
21	HIDDEN (PONT B)	Skarn Pb Zn Cu W	105 B 3	7	Morin *et al* (1980, p. 56)
22	ATOM	Skarn Zn	105 B 3	7	INAC (1981, p. 144); INAC (1985, p. 150)
23	BAR	Skarn Zn Pb Ag	105 B 3	6	INAC (1981, p. 144; 1983, p. 95, 101; 1985, p. 150)
24	BOM	Skarn Zn Pb Ag	105 B 3	7	INAC (1983, p. 95-96; 1985, p. 150)
25	MUNSON	Vein Stockwork Sn (W Mo Cu), Skarn Zn Pb W Cu	105 B 3	7	INAC (1981, p. 145)
26	PARTRIDGE (VAL A)	Vein Sn, Skarn Zn	105 B 3	7	INAC (1981, p. 147)
27	GEM	Pegmatite Topaz	105 B 3	7	INAC (1981, p. 147)
28	VAL B	Skarn Sn Zn	105 B 3	7	INAC (1983, p. 95-97)
29	LOGJAM	Vein Au Ag Pb Zn	105 B 4	5	This Report
30	LOGTUNG (BERYL)	Porphyry W Mo	105 B 4	2	INAC (1982, p. 98, 105); Noble, Spooner and Harris (1986)
31	J.C. (VIOLA)	Skarn Sn	105 B 4	6	INAC (1983, p. 95, 97); Layne and Spooner (1986)
32	POG	Vein Ag Pb Zn	105 B 2	7	INAC (1985, p. 145); Lowey and Lowey (1986, p. 102-103
33	TROUT	Vein Fe	105 B 12	7	
34	MUNG	Porphyry Cu	105 B 12	7	
35	IRVINE	Vein Ag Pb Zn, Skarn W	105 B 11	6	INAC (1987, p. 122-123); Murphy (1988); This report
36	TUNG	Skarn W	105 B 10	7	INAC (1981, p. 149); Murphy, (1988)
37	MOOSELICK	Vein Cu	105 B 9	6	Craig and Laporte (1972, Vol. 1, p. 138-139)
38	DOME	Vein Cu	105 B 15	7	Green (1966, p. 84)
39	OLD GOLD	Vein Cu	105 B 15	7	Findlay (1967, p. 64)
40	RAINBOW	Vein Cu	105 B 15	7	
41	PORCUPINE	Asbestos	105 d 16	7	INAC (1982, p. 106)
42	OULETTE	Work Target	105 B 2	7	INAC, Mines and Minerals Activities (1971, p. 73); INAC (1983, p. 95, 101)
43	ZAK	Vein Ag Pb Zn Cu	105 B 11	7	Sinclair & Gilbert (1975, p. 80); Murphy (1988)
44	BOY	Vein Pb	105 B 7	7	INAC (1981, p. 150); INAC (1985, p. 150)

45 M.C. (SWIFT)	Vein Sn, Skarn Zn	105 B 4	6	INAC (1986, p. 55)
46 DU	Vein Sn	105 B 4	6	INAC (1982, p. 99)
47 I	Skarn Cu W Mo	105 B 5	7	INAC (1982, p. 99, 105)
48 SIN	Vein Sn	105 B 3	7	INAC (1981, p. 152); INAC (1982, p. 105)
49 VH	Skarn W	105 B 3	7	INAC (1981, p. 152)
50 SLOUCE	Skarn Sn	105 B 3	7	INAC (1982, p. 99, 105)
51 SKIN	Vein Sn	105 B 3	7	INAC (1981, p. 152)
52 MW	Skarn Sn Zn	105 B 3	7	INAC (1982, p. 99)
53 MUM	Skarn Sn W	105 B 3	7	INAC (1983, p. 95, 97)
54 CAN	Skarn Sn	105 B 4	6	INAC (1982, p. 100)
55 STO	Vein Sn (Greisen)	105 B 3	6	INAC (1981, p. 145)
56 HL	Skarn W	105 B 6	5	INAC (1982, p. 100)
57 FUR	Work Target	105 B 4	9	INAC (1981, p. 155)
58 COM (54-59)	Vein Pb Zn	105 B 10	7	INAC (1981, p. 155); Murphy (1988)
59 BINGY	Vein Ag Pb Zn	105 B 10	7	INAC (1987, p. 124); Murphy (1988); This Report
60 CABIN	Skarn Pb Zn Ag	105 B 9, 10	9	INAC (1982, p. 100); Murphy (1988)
61 MIDWAY	Stratiform Barite	105 B 1	2	INAC (1987, p. 125)
63 LUCKY (ANT)	Vein Ag Pb Zn	105 B 1	7	Lowey and Lowey (1986, p. 84-85)
64 LICK	Work Target	105 B 2	9	INAC (1982, p. 101-102); Lowey and Lowey (1986, p. 105-106);
65 GOAT	Skarn W Mo Cu, Vein Zn Pb Ag	105 B 2	7	INAC (1982, p. 102); Lowey and Lowey (1986, p. 99)
66 BESSEY	Work Target	105 B 2	9	INAC (1981, p. 159); This Report
67 CARIBOU	Porphyry Mo	105 B 7	7	INAC (1981, p. 156)
68 OAKE	Work Target	105 B 7	9	INAC (1981, p. 156)
69 URSUS	Work Target	105 B 8	9	INAC (1982, p. 103)
70 LOGAN	Vein Zn Ag Sn Cu Au	105 B 9	6	Amukun and Lowey (1987); Murphy (1988); This Report
71 MOOSE	Work Target	105 B 8	9	INAC (1981, p. 156)
72 TEAM	Skarn Zn W	105 B 10, 15	7	INAC (1982, p. 103, 105); Murphy (1988)
73 LITTLE MOOSE	Vein Zn Pb Cu	105 B 8	7	INAC (1981, p. 157)
74 WOLF	Stratabound Concordant Zn Pb Cu Ag	105 B 9	6	INAC (1982, p. 103)
75 ICE	Work Target	105 B 6	9	INAC (1982, p. 103)
76 PLUG	Work Target	105 B 4	9	INAC (1981, p. 158)
77 PONT	Work Target	105 B 3	9	INAC (1981, p. 158)
78 ZINC	Work Target	105 B 4	9	INAC (1981, p. 158)
79 ELLE	Granite associated U, Skarn Pb Mo W	105 B 9	7	This Report
80 HOT	Skarn W	105 B 1	7	INAC (1981, p. 159); INAC (1986, p. 58); Lowey and Lowey (1986, p. 94-95)
81 SILVER CREEK	Vein Ag Zn	105 B 11	7	Murphy (1988)
82 GULL	Skarn Zn Pb (Ag Sn)	105 B 3	7	Morin et al (1980, p. 56); INAC (1983, p. 95, 101)
83 ANNI	Skarn Sn Zn	105 B 5	7	INAC (1983, p. 95,98,101); INAC (1985, p. 150)
84 MAC	Vein/Replacement Zn Pb Ag	105 B 1	6	INAC (1987, p. 128)
85 LOST	Work Target	105 B 2	9	INAC (1982, p. 105)
86 PINESOL	Work Target	105 B 7	9	INAC (1982, p. 105)
87 MEISTER RIVER (MR)	Replacement Pb Zn Ag	105 B 8	5	Lowey and Lowey (1986, p. 96); Amukun and Lowey (1987); INAC (1987, p. 129)
88 STONEAXE	Skarn W	105 B 10	7	INAC (1982, p. 104,105); Murphy (1988)
89 THRALL	Porphyry Mo	105 B 11	7	INAC (1983, p. 95,99-100)
90 SOURCE	Vein Ag Pb Zn	105 B 11	6	INAC (1987, p. 122-123); Murphy (1988)
91 BORDER	Work Target	105 B 2	9	INAC (1982, p. 104)
92 CO	Work Target	105 B 12	9	INAC (1982, p. 105)
93 LYDIA	Work Target	105 B 1	9	INAC (1986, p. 49)
94 CER	Work Target	105 B 1	9	INAC (1983, p. 101); This Report
95 SEA	Work Target	105 B 3	9	INAC (1983, p. 95,101)
96 PARK	Work Target	105 B 3	9	INAC (1983, p. 95,101)
97 FALL	Work Target	105 B 3	9	INAC (1983, p. 95,101)
98 CRE	Work Target	105 B 3	9	INAC (1983, p. 95,101)
99 BEA	Work Target	105 B 7	9	INAC (1983, p. 95,101)
100 SAB	Work Target	105 B 7	9	INAC (1983, p. 95,101; 1986, p. 59)
101 MEI	Work Target	105 B 7	9	INAC (1983, p. 95,101)
102 GLEN	Work Target	105 B 8	9	INAC (1983, p. 95,102)
103 TOD	Work Target	105 B 9	9	INAC (1983, p. 95,100,102)
104 MAR	Work Target	105 B 7	9	INAC (1983, p. 95,101)
105 OTH	Work Target	105 B 7	9	INAC (1983, p. 95, 101)
106 BRX	Work Target	105 B 7	9	INAC (1983, p. 95,101)
107 STAR	Work Target	105 B 1	9	INAC (1987, p. 130-131)
108 SUN	Work Target	105 B 1	9	INAC (1985, p. 149)
109 RUN	Work Target	105 B 1	9	INAC (1985, p. 149)
110 TIM (ERIC)	Vein/Breccia Ag Pb	105 B 1	7	INAC (1987, p. 131)
111 CARL	Work Target	105 B 1	9	INAC (1985, p. 149)
112 WIND	Work Target	105 B 1	9	INAC (1985, p. 149)
113 DILL	Work Target	105 B 1	9	INAC (1985, p. 149)
114 MOON	Work Target	105 B 1	9	INAC (1986, p. 50)
115 BLUE	Work Target	105 B 1	9	INAC (1985, p. 148-149); Lowey and Lowey (1986, p. 95)

116	ZAM	Work Target	105 B 1	9	INAC (1985, p. 149); INAC (1986, p. 58)
117	CORD	Work Target	105 B 1	9	INAC (1985, p. 149)
118	XL	Work Target	105 B 1	9	INAC (1985, p. 149)
119	GARRETT	Work Target	105 B 1	9	INAC (1985, p. 149)
121	ALAN	Vein Ag Pb	105 B 2	7	INAC (1985, p. 148-149); Lowey and Lowey (1986, p. 100-101); INAC (1987, p..117-118)
122	AG	Deleted: same as #13, KODIAK			
					1987, p. 117-118)
123	SPENCER	Vein Ag Pb Zn	105 B 1, 2	6	INAC (1986, p. 53)
124	JOHN	Work Target	105 B 7	9	INAC (1985, p. 149)
125	TONI	Work Target	105 B 8	9	INAC (1985, p. 150)
126	PETE	Work Target	105 B 1	9	INAC (1985, p. 37)
127	HEAD	Work Target	105 B 1	9	INAC (1987, p. 132)
129	RAKE	Work Target	105 B 1	9	INAC (1986, p. 59)
130	MAS	Work Target	105 B 3	9	INAC (1986, p. 59)
131	CEA	Work Target	105 B 3	9	INAC (1987, p. 132-134)
132	MATHEW	Work Target	105 B 14	9	INAC (1987, p. 134)
133	WOLFY	Vein Ag Pb Zn	105 B 1	6	INAC (1987, p. 115-117)
134	DK	Deleted: same as #123. SPENCER			
135	SHEEP	Work Target	105 B 2	9	INAC (1987, p. 137)
136	KR	Work Target	105 B 6	9	This Report
137	JACOB (MR)	Work Target	105 B 10	9	Murphy(1988); This Report
138	BLACK	Work Target	105 B 16	9	INAC (1987, p. 137)
139	MCM	Work Target	105 B 2	9	INAC (1987, p. 137)
140	LIZ	Work Target	105 B 2	9	INAC (1987, p. 137)
141	HIT	Work Target	105 B 7	9	INAC (1987, p. 138)
142	ROI	Work Target	105 B 7	9	INAC (1987, p. 138)
143	JAY	Work Target	105 B 1	9	This Report
144	VIC	Work Target	105 B 1	9	This Report
145	PINE	Work Target	105 B 2	9	This Report
146	CHIEF	Work Target	105 B 2	9	This Report

LUCK
Goldex Resource Inc.

Lead, Zinc, Silver
Replacement
105 B 1 (3)
60°07’N, 130°27’W
1987

References: Lowey and Lowey (1986, p. 83-84); INAC (1987, p. 113-114)

Claims: A&B 1-32; PIGGY 17-20, 27-38, 71-72; BUG 5-8; JA-P 1-4; BNA 1-6; LB 1-9

Source: Summary by T. Bremner of assessment report 091969 by T. Liverton (Tarmachan Exploration Services Ltd.).

Current Work and Results:

In 1987, 1.6 km of new road was pushed up Boulder Creek and bulldozer trenching was done on two VLF anomalies east of the original LUCK showing. An attempt to duplicate the VLF anomalies was unsuccessful and two magnetic traverses showed a uniform response along both lines. Both trenches failed to reach bedrock through 5 metres of glacial till. Some of the original trenches immediately east of the LUCK showing were lengthened and deepened, two new trenches were excavated and two areas near the main showing were stripped to bedrock.

At the original showing, fresh samples were obtained by drilling and blasting. The best grab sample assayed 31.6% Pb, 18.9% Zn and 750.1 g/t Ag. Mineralized bedrock was traced 13 m east from the original showing where stripping exposed massive sphalerite and galena over an area of 20 square metres. Fresh samples obtained by blasting in this area assayed up to 21.2% Pb, 10.2% Zn and 480 g/t Ag. A hundred metres further east, the bulldozer uncovered marble and phyllite bedrock and also some coarse massive calcite which contained galena and assayed 2.87% Pb and 75.1 g/t Ag.

The 1987 excavations appear to confirm the earlier interpretation that the sulphide bodies are saddle-reefs located in the hinges of tight southeast-plunging folds. Coarse massive calcite associated with the sulphides forms linear mullions within the fold hinges.

DK
Sunrise Metals Corp.

Silver, Lead, Zinc Vein
105 B 1 (4)
60°08'N, 130°27'W
1986

References: INAC (1981, p. 144); Lowey and Lowey (1986, p. 87-89)

Claims: DK 1-33

Source: Summary by T. Bremner of assessment report 091934 by A. Rich.

Description:

The DK claims lie northwest of the extensively explored FIDDLER Tungsten property. Lower Cambrian calcareous phyllite and slate are cut by numerous faults, and minor shears containing argentiferous galena, pyrite, sphalerite and traces of chalcopyrite. The best mineralization occurs along northwest-trending structures, but a set of regularly spaced northeast-trending fractures is also mineralized.

Current Work and Results:

In 1986, three northwest-trending shear zones were uncovered by blasting and bulldozer trenching. The three resultant showings are named PIE, HAMMER and MB. The PIE and HAMMER zones are still open to the north and the MB zone is open at both ends. The PIE shear zone is at least 100 m long and 1.4 m wide, and contains yellow fault gouge, vuggy vein quartz and coarsely crystalline argentiferous galena. Galena fragments returned 1856.86 g/t Ag, 79.51% Pb and 0.13% Zn.

The HAMMER zone is more than 120 m long. Twelve test pits were excavated on this zone. In pit #9, sampling of an oxidized zone containing galena nodules returned 484.53 g/t Ag and 80.9% Pb over 10 cm. In pit #6, a grab sample of galena contained 1592.87 g/t Ag and 83.97% Pb. And in pit #8, a zone of galena-cored limonite nodules returned 762.59 g/t Ag and 43.37 % Pb over a width of 20 cm.

The MB zone consists of an oxidized vein up to 0.9 m wide containing goethite, hematite, pyrolusite, galena and sphalerite over a strike length of more than 120 m. Alteration and stringers of mineralization penetrate 4 m into the wall rock on the east side of the vein. Random grab samples from a test pit in this zone assayed 1131.39 g/t Ag.

LENA	**Lead, Zinc, Silver Vein**
Listed Ventures Inc.	**105 B 1, 2 (5)**
	60°10'N, 130°30'W
	1987

References: INAC (1985, p. 140); Lowey and Lowey (1986, p. 103-104)

Claims: LENA 1-4; SPENCER 1-60

Source: Summary by T. Bremner of assessment report 092111 by G.S. Davidson and R.C.R. Robertson.

Current Work and Results:

The property was visited briefly in 1987. A grab sample of sulphide veining in manganosiderite from the EAST zone returned 165.3 g/t Ag, 18% Zn and 2.85% Cu. A grab sample of rusty vuggy quartz from a bulldozer trench in the BOULDER zone contained sphalerite, minor pyrite and arsenopyrite and assayed 44.5 g/t Ag, 0.59% Pb and 0.66% Zn.

MIDNIGHT	**Lead, Zinc, Silver**
Silver Hart Mines Ltd	**Vein**
	105 B 1,2,7,8 (18)
	60°20'N, 130°44'W
	1987

References: INAC (1987, p. 121); Amukun and Lowey (1987)

Claims: CMC 1-104; SH 1-196; BEA 1-102; SAB 1-272; CAR 1-1181; GL 1-13

Source: Summary by T. Bremner of assessment report 091990 by P.A. Hawkins, 091992 by P. Ramaekers and 091965 by B. Fowler.

Current Work and Results:

A detailed fracture analysis was carried cut in 1987 using 1:23 000 scale colour air photographs. The fracture patterns are significant because lead-zinc-silver mineralization on the property occurs in northeast-trending quartz veins and silicified fault zones marked by manganiferous gossans. More than ninety northeast-trending faults and fractures were identified within a 4 km radius of the CMC adit. Major north-trending lineaments appear to cut off the northeast set.

Extensive bulldozer trenching in 1987 uncovered 56 occurrences of manganese oxide and assorted sulphide minerals in float, quartz veins or as fracture fillings in bedrock. Sixteen of the showings consist of quartz-carbonate sulphide vein systems capped with manganese and limonite gossans. Sphalerite and galena were found in eight of the gossans, and arsenopyrite was found in several. The ORLY showing consists of three parallel veins of galena, sphalerite, carbonate and quartz which strike 100-120° and dip 40-50°NE. The PAW showing is a spectacular series of quartz veins with manganese oxide occupying a shear zone in granite. Galena from both these showings contains up to 8571.2 g/t Ag.

LOGJAM	**Gold, Silver, Lead, Zinc Vein**
A.M.P. Exploration and Mining Co. Ltd	**105 B 4 (29)**
	60°01'N, 131°36'W
	1987

References: INAC (1987, p. 121-122)

Claims: BARB 1-5; LOG 20, 22, 24, 26, 30, 45, 133, 1-2 FR, 100-101 FR

Source: Summary by T. Bremner of assessment report 091966 by D.C. Miller.

Current Work and Results:

In 1987, nine AQ holes totalling 601.4 m were drilled on the BARB 5 and LOG 100 Fr claims and the No. 4 drift W was extended by 17 metres.

Each of the drillholes penetrated at least one zone of sulphide-bearing quartz veins hosted by fractured and silicified diorite containing minor sulphides. The mineralized veins consist of massive to disseminated pyrrhotite, arsenopyrite, sphalerite and galena in a quartz-calcite gangue. Drill intersections through the vein zones ranged from 15 cm to 2.1 m. In DDH 87-5, the mineralized intersection consisted of 0.45 m of massive sulphides assaying 8.4 g/t Au, 1474.2 g/t Ag, 7.65% Pb and 2.65% Zn overlying a layer of 50% sulphides in quartz which averaged 6.2 g/t Au, 145.7 g/t Ag, 1.12% Pb and 1.34% Zn over 1.2 m.

IRVINE, SOURCE
Shakwak Exploration Co. Ltd

Silver, Lead, Zinc Vein,
Tungsten Skarn
105 B 11 (35,90)
60°37'N, 131°06'W
1986

References: INAC (1987, p. 122-123)

Claims: GRA 1-49; SHA 1-147; REV 1-16

Source: Summary by T. Bremner of assessment report 091935 by G.S. Davidson

Current Work and Results:

Reconnaissance mapping in 1986 revealed quartz-feldspar porphyry dykes and sills and dykes of aplite and pegmatite cutting marble and muscovite schist on the EAST RIDGE part of the property (the SOURCE occurrence). Brecciated quartz veins crosscut the sills and dykes. Minor galena was found in some of the quartz veins. Prospecting located several zones of manganese gossan float. Trenching on the E-2 manganese gossan zone exposed manganese and iron oxides over an area 40 m long and 1 to 1.5 m wide, striking 85°. Within one oxide zone veins of galena and sphalerite up to 20 cm wide returned up to 3291.34 g/t Ag over 12 cm, and 1001.11 g/t Ag over 1.0 m. Trenching on trend to the west uncovered quartz containing manganese oxide veinlets and some clay gouge.

Trenching on the E-1 manganese gossan encountered permafrost at a depth of 1.92 m and failed to expose bedrock. Manganese and iron oxide bands 1-2 m wide exposed in two of the trenches are similar to the E-2 zone and may contain galena and sphalerite at depth. A 60 cm wide manganese oxide band exposed by trenching the E-3 zone returned high zinc and low silver values.

In the WEST RIDGE area (IRVINE occurrence) sills and dykes of aplite and quartz monzonite are intruded into muscovite schist near its contact with a quartz monzonite intrusion. Many quartz veins, some containing fluorite, strike 040° and dip 35°NW, conformable with the schist layering.

Trenching of the W2 manganese gossan encountered lenses of manganese-cemented conglomerate which contained up to 100.1 g/t Ag, and 10% galena and sphalerite. Permafrost prevented deepening of the trenches below 3 m.

BINGY
Tally-Ho Exploration Co. Ltd

Silver, Lead, Zinc Vein
105 B 10 (59)
60°32'N, 130°40'W
1987

References: Abbott (1985, p. 34-44); INAC (1987, p. 124)

Claims: MN 1-48; AG 1-2

Source: Summary by W.P. LeBarge of assessment report 091960 by M.A. Fekete.

Current Work and Results:

The 1987 program involved blast trenching, rock sampling and geological mapping at 1:250 000 and 1:1 000 scales.

Thirty-three rock samples were collected from 11 trenches in four zones on the property. Trenches blasted in zone 1 uncovered galena-bearing rusty to black manganese oxide in a 2 m thick vein trending 330°. A sample of gossanous float from this zone assayed 224.9 g/t Ag.

A second zone on the property was mapped at 1:1 000 scale, although blasting failed to penetrate talus adequately. Grab samples of galena assayed as high as 624 g/t Ag.

Two new zones of galena-bearing manganese oxides outlined by 1987 prospecting and 1:1 000 scale mapping are apparently related to north to northwest-trending faults. Grab samples assayed as high as 309 g/t Ag.

BESSEY, CER
Pak-Man Resources Inc.
2001 Resource Industries

Work Target
105 B 2 (66, 94)
60°14'N, 130°34'W
60°15'N, 130°20'W
1987

References: INAC (1987, p. 135, This Report)

Claims: HUNTER 1-43; LIZ 1-16; TIN 1-24; JEF 1-14; MUT 1-4; STR 1-22, 25-35

Source: Summary by W.P. LeBarge from assessment report 091743 by R. Robertson (Searchlight Resources Inc.).

History:

In 1980 the BESSEY claims were staked in the area but have since lapsed. The HUNTER claims were staked in 1985, and the rest of the claim block was staked in the fall of 1986. Additional STR claims were added in the spring of 1987.

Description:

The BESSEY and CER properties are underlain by metamorphosed Lower Cambrian Atan Group marble, limestone, biotite schist and quartzite. Cretaceous quartz monzonite and granodiorite of the Cassiar Batholith intrudes the metasedimentary rocks on the BESSEY property.

Current Work and Results:

In 1987 the property was geologically mapped at 1:1 000 scale and grab samples were collected and assayed for lead and silver. The best silver value obtained was only 32.6 ppm, compared to a 1986 rock sample which assayed 402.1 ppm Ag.

LOGAN
Fairfield Minerals Ltd
Getty Resources Ltd

Zinc, Silver, Tin, Copper, Gold Vein
105 B 8, 9 (70)
60°30'N, 130°27'W
1987

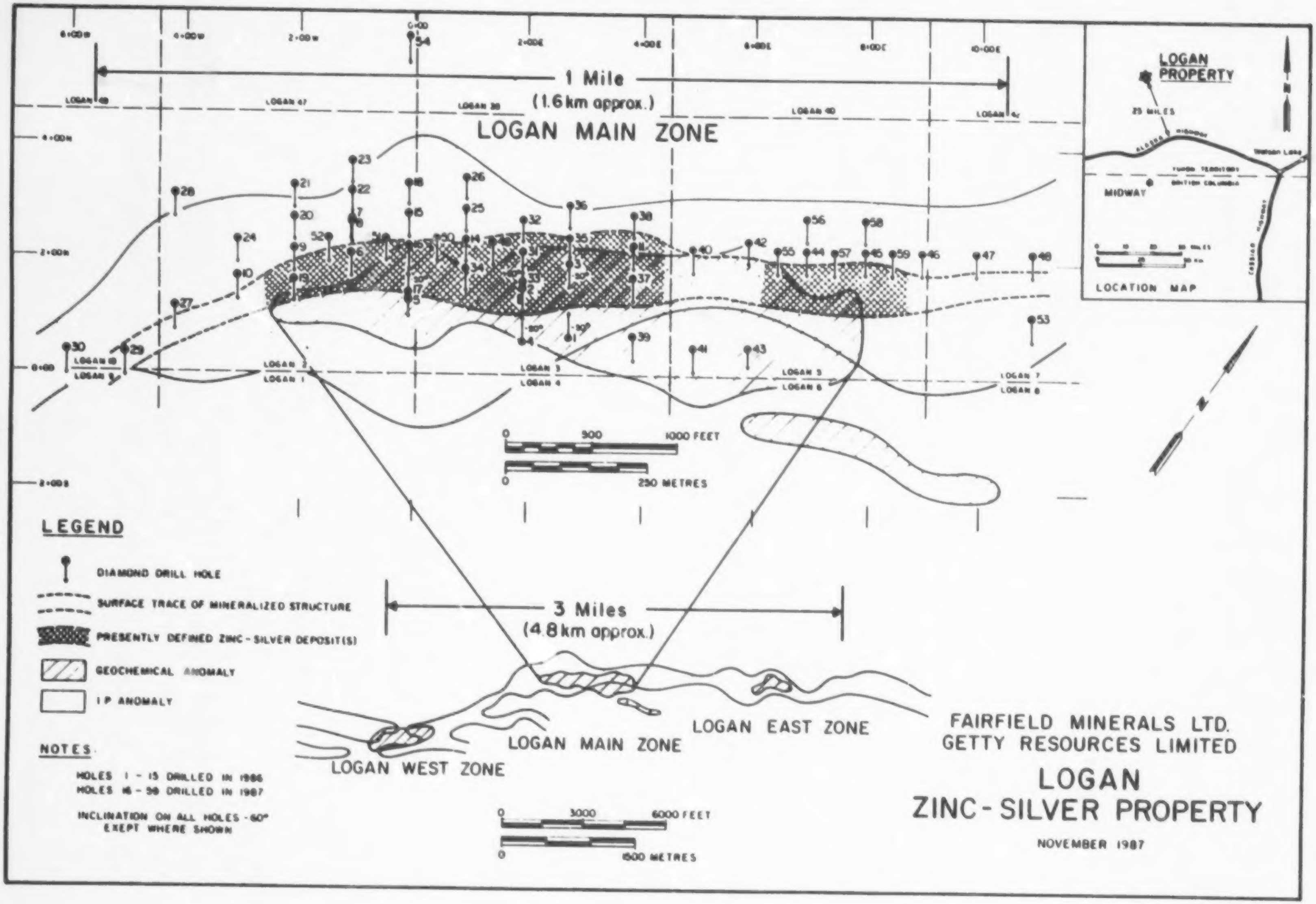
References: Amukun and Lowey (1987); INAC (1987, p. 127)

Claims: LOGAN 1-106

Source: Summary by T. Bremner of assessment report 091982 (drill logs) by Cordilleran Engineering Ltd and extra information supplied by J.J. Hylands (Cordilleran Engineering Ltd).

Description:

Sphalerite with lesser pyrite, arsenopyrite, chalcopyrite, tetrahedrite, pyrrhotite and cassiterite occurs in quartz veins, stockworks and brecciated and silicified zones in highly altered granodiorite and andesite dyke rocks. The mineralization is contained in a tabular fault-bounded body 45.7 to 137.2 m wide which dips 70° to the northwest.


1 Mile
(1.6 km approx.)
LOGAN MAIN ZONE
LOGAN PROPERTY
25 MILES
ALASKA HIGHWAY
Watson Lake
YUKON TERRITORY
BRITISH COLUMBIA
MIDWAY
CASSIAR HIGHWAY
LOCATION MAP
N
0 300 1000 FEET
0 250 METRES
3 Miles
(4.8 km approx.)
LOGAN WEST ZONE
LOGAN MAIN ZONE
LOGAN EAST ZONE
0 3000 6000 FEET
0 1500 METRES
LEGEND
DIAMOND DRILL HOLE
SURFACE TRACE OF MINERALIZED STRUCTURE
PRESENTLY DEFINED ZINC - SILVER DEPOSIT(S)
GEOCHEMICAL ANOMALY
I P ANOMALY
NOTES
HOLES 1 - 15 DRILLED IN 1986
HOLES 16 - 59 DRILLED IN 1987
INCLINATION ON ALL HOLES -60° EXEPT WHERE SHOWN
FAIRFIELD MINERALS LTD.
GETTY RESOURCES LIMITED
LOGAN
ZINC - SILVER PROPERTY
NOVEMBER 1987

Current Work and Results:

In 1987, extensive diamond drilling was conducted in the Main Zone area to evaluate the 1097 m long Main Zone zinc-silver deposit. Forty-four holes were drilled totalling 7772.4 m. The deposit has now been drill-tested to vertical depths of up to 243.8 m. As a result of the 1986 and 1987 drilling, the following geological reserves are indicated:

	Tonnes	% Zinc	g/t Silver
	14.01 million	5.13	20.23
including	6.83 million	7.24	25.71
including	3.19 million	10.33	34.97
including	1.37 million	14.36	48.00

ELLE
Central Electricity Generating
Board Exploration (Canada) Ltd

Granite-associated U
105 B 9 (79)
60°37'N, 130°22'W
1986

References: INAC (1987, p. 136); INAC (1981, p. 158)

Claims: BOZO 1-16

Source: Summary by B. Lueck and W.P. LeBarge of assessment reports 091788 and 091736 by A.T. Turner.

History:

The ELLE claims were staked in 1979 to cover a strong geochemical anomaly associated with airborne scintillometer anomalies. Anomalous responses were obtained from a ground radiometric survey and soil geophysical surveys. Grab samples from trenches within biotite quartz monzonite assayed as high as 2000 ppm U and 390 ppm Th. Between 1979 and 1982, Serem Ltd., Hudson Bay Exploration Ltd and Regional Resources Ltd staked claims nearby in the search for tungsten skarns. In 1982 the ELLE claims lapsed, and in 1985 Central Electricity Generating Board Exploration (Canada) Ltd. identified anomalous radioactivity during reconnaissance prospecting. The BOZO 1-2 claims were staked in 1985, and in 1986 the BOZO 13-16 claims were staked.

Description:

The ELLE property is mainly underlain by porphyritic biotite-quartz monzonite of the Cretaceous Cabin Creek stock, which intrudes sedimentary rocks of late Proterozoic to Mississippian age and a thick, sheared sequence of clastic, carbonate and intrusive rocks of Carboniferous age. Two phases of the biotite-quartz monzonite have been observed, a porphyritic phase containing phenocrysts from 2 to 10 cm in length, and an equigranular phase. The mega-porphyritic phase contains up to 2.1% U_3O_8. Country rocks of quartz feldspar-muscovite schist and limestone have developed garnet-pyroxene skarns with associated molybdenite, galena and scheelite. Late-stage aplite and pegmatite dykes, and massive quartz veins crosscut all previous lithologies.

Current Work and Results:

Initial work in 1985 consisted of ground radiometric surveys, soil and rock chip sampling and preliminary lab and petrographic studies. The claim group is highly anomalous in radioactive elements. The uranium occurs in the minerals euxinite, polycrase and monazite as well as opalescent coatings on fractures which cut the coarse-grained border phases of the pluton and clay-altered biotite granite.

Exploration work in 1986 consisted of detailed geological mapping and geochemical sampling. Eighteen grab samples were collected from weakly radioactive clay-altered zones, and analyzed for uranium content. The best sample contained 1509 ppm total U_3O_8 and 1485 ppm leachable U_3O_8, with a radiometric reading of 2490 cps.

4. FIDDLER

T. McCrory, B. Preston, M. Nielsen
105 B 1
60°09'N, 130°24'W

Claims: DK 34-67

11. KUBIAK

D. Schellenberg
105 B 1
60°12-13'N, 130°05-17'W

Claims: HI 1-28, ED 1-20,
JIM 1-28, ODIE 1-36,
VIC 1-24, JIM 1-28,
ODIE 1-36, RAJ 1-28,
ADD 1-42, BURN 1-28,
RAM 1-28, RAJA 1-32,
BOA 1-32, LOIN 1-32,
RAND 1-32, ICE 1-32,
BALL 1-32, RED 1-34

20. ALMOST

R. Stack
105 B 6
60°25'N, 131°05'W

Claims: HORN 1-18

21. HIDDEN (PONT B)

R. Stack
105 B 3
60°12.5'N, 131°18'W

Claims: RUGER 25-28

23. BAR

D. Schellenberg
105 B 3
60°10'N, 131°06'W

Claims: PARK 1-64

42. OULETTE

D. Schellenberg
105 B 2, 3
60°09-14'N, 130°36-131°00'W

Claims: LAKE 1-52,
NITE 1-56,
MID 1-60

45. M.C. (SWIFT)

T. McCrory, A. Perron, B. Preston,
J. Perron
105 B 4
60°14'N, 131°44'W

Claims: SLIP 1-24

55. STQ

Apex Energy Corp.
105 B 3
60°09'N, 131°15'W

Claims: DART 1-100

70. LOGAN

Fairfield Minerals Ltd
105 B 7, 105 B 8
60°29'N, 130°30'W

Claims: LOGAN 169-200

94. CER

D. Schellenberg, H. Hibbing,
P. Genton
105 B 1
60°13-14'N, 130°19-23'W

Claims: LEE 29-76, STR 31-35,
JILL 1F-3F

97. FALL

D. Schellenberg
105 B 3
60°11'N, 131°11'W

Claims: KEY 1-30

123. SPENCER

Listed Ventures Incorporated
105 B 2
60°08'N, 130°40'W

Claims: LENA 5-18

143. JAY

D. Allen
105 B 1
60°05'N, 130°12'W

Claims: JAY 1-40

145. PINE

D. Schellenberg
105 B 2, 3
60°06'N, 131°00'W

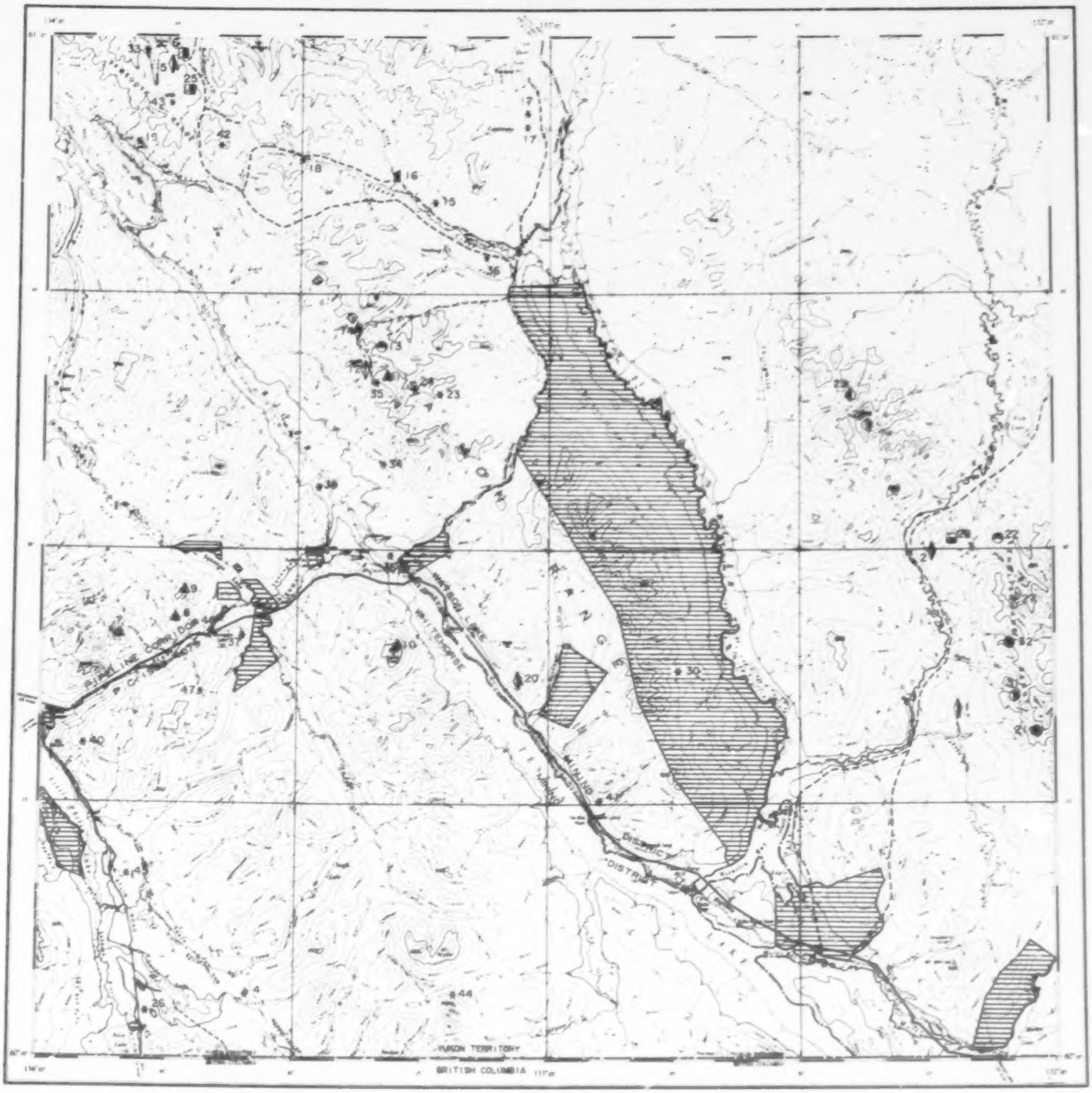
Claims: PINE 1-36

146. CHIEF

J. Chief
105 B 2
60°04.5'N, 130°52'W

Claims: CHIEF 1-4

105 C


YUKON TERRITORY
BRITISH COLUMBIA
PIPELINE CORRIDOR
WHITEHORSE
MINING DISTRICT
DISTRICT
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TESLIN

YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

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Kilometres

- - - - - - - Tote Trail.
——— Driveable Road.
▬ A Airstrip.

TESLIN MAP-AREA (NTS 105 C)

General References: GSC Map 1125A and Memoir 326 by R. Mulligan, 1963;
GSC Geochem Open File 1217.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	KITCHEN	Vein Ag Pb	105 C 8	7	
2	BAR	Vein Pb Zn Ag Ba	105 C 9, 8	6	INAC (1987, p. 142)
4	TARFU	Work Target	105 C 4		
5	SLATE (SM)	Vein Ag Pb Zn	105 C 13	7	
6	RED MOUNTAIN	Porphyry Mo	105 C 13	2	INAC (1983, p. 105-106); Brown and Kahlert (1986)
7	RISA	Asbestos	105 C 5	7	
8	SEAFORTH	Asbestos	105 C 5	7	
9	SQUANGA	Ultramafic associated Cr, Asbestos	105 C 5	7	This Report
10	HAYES PEAK	Asbestos	105 C 6	7	Mulligan (1963, p. 78); INAC (1982, p. 111)
11	GUNSIGHT	Asbestos	105 C 11	7	INAC (1981, p. 162)
12	MOOSE HILL	Vein Pb	105 C 11	7	Lees (1936, p. 24); INAC (1982, p. 111)
13	MARLIN	Skarn Mn	105 C 11	6	INAC (1986, p. 63)
14	MT. GRANT	Vein Cu Ag	105 C 11	7	INAC (1986, p. 64)
15	DRY	Work Target	105 C 14	9	
16	IRON CREEK	Occurrence Ag Au	105 C 14	7	
17	LINDSAY	Work Target	105 C 14	9	INAC (1986, p. 65)
18	SIDNEY	Work Target	105 C 14, 13	9	Mulligan (1963, p. 77)
19	ROSY	Work Target	105 C 13	7	Bostock (1936, p. 6)
20	DEADMAN	Vein Ag Pb	105 C 6	7	
21	JACKALOO	Skarn Cu Fe	105 C 8	7	INAC (1985, p. 154)
22	ABBA	Skarn Fe, Granite-associated U	105 C 9	7	INAC (1983, p. 105-106, 109)
23	FORSURE	Work Target	105 C 11	9	INAC (1981, p. 162)
24	CHRIS	Work Target	105 C 11	9	INAC (1981, p. 162); INAC (1985, p. 155)
25	MW	Skarn Mo Cu	105 C 13	7	INAC (1983, p. 105,107); This Report
26	LISA	Work Target	105 C 4	9	INAC (1981, p. 162)
27	MICH	Work Target	105 C 8	9	INAC (1981, p. 162)
28	ORK	Skarn Sn W Cu Ag	105 C 9	7	INAC (1985, p. 154)
29	MINDY	Skarn W Sn	105 C 9	6	INAC (1983, p. 105,107, 109)
30	STARTIP	Work Target	105 C 7	9	Morin *et al* (1979, p. 78-79)
31	DB	Skarn Sn W	105 C 3	5	INAC (1986, p. 62)
32	BAS	Skarn Cu Fe	105 C 8	7	INAC (1982, p. 111)
33	GRIZZLY	Work Target	105 C 13	9	INAC (1983, p. 105,108-109)
34	SAYEH	Work Target	105 C 11	9	INAC (1983, p. 105,108)
35	CAT	Work Target	105 C 11	9	INAC (1985, p. 155)
36	ED	Work Target	105 C 14	9	INAC (1986, p. 65);
37	JUBE	Work Target	105 C 5	9	INAC (1985, p. 155); INAC (1987, p. 144)
38	DON	Work Target	105 C 6	9	INAC (1986, p. 65)
39	TES	Work Target	105 C 11	9	INAC (1987, p. 143); This Report
40	NUF	Work Target	105 C 5	9	INAC (1987, p. 144)
41	PAULA	Work Target	105 C 7	9	INAC (1987, p. 144)
42	TOO	Work Target	105 C 13	9	This Report
43	WAS	Work Target	105 C 13	9	This Report
44	GLADYS	Work Target	105 C 3	9	This Report
45	QUARTZ	Work Target	105 C 4	9	This Report
46	SUMMIT	Work Target	105 C 5	9	This Report
47	QUARTZ VALLEY	Work Target	105 C 5	9	This Report

SQUANGA
Dodgex Ltd

Chromite, Ultramafic-Associated
105 C 5 (9)
60°27'N, 133°41'W
1987

References: INAC (1987, p. 144)

Claims: CRO 1-5, 7

Source: Summary by W.P. LeBarge of assessment report 091740 by J.S. Dodge.

History:

The CRO 1-18 claims were staked in 1986 to cover a boulder train and potential bedrock sources of chromite-bearing dunite rocks.

Description:

The SQUANGA property is underlain by ultramafic rocks of probable Permian age, including an ophiolitic sequence of basal harzburgite, interlayered harzburgite and dunite, dunite with minor harzburgite and an upper succession of gabbro-pyroxenite-andesite. Perodotites are weakly to strongly serpentinized and intruded by a few scattered monzonite plugs and dykes. Chromite mineralization in dunite forms a massive banded, tabular deposit at least 4 metres thick and 20 metres long, open along strike.

Current Work and Results:

The 1987 program consisted of detailed prospecting and geological mapping and the collection of grab samples for assay from test pits. The best sample assayed 33.5% Cr_2O_3, 145 ppb Pt and 2 ppb Pd.

MARLIN
Anooraq Resources Corp.

Manganese Skarn
105 C 11 (13)
60°43'N, 132°20'W
1987

References: INAC (1986, p. 63)

Claims: EVE 1-68, 78

Source: Summary by T. Bremner of assessment report 092132 by H.J. Keyser (Aurum Geological Consultants Inc.)

Description:

Paleozoic metamorphic rocks of the Big Salmon Complex are intruded by Cretaceous granodiorite. Skarn boulders at the contact contain gem quality rhodonite. Gold and silver-bearing qyrite-chalcopyrite-bornite veins occur in narrow, discontinuous veins cutting biotite-quartz schist.

Current Work and Results:

Blast trenching in 1986 showed that the previously identified gold and silver-bearing chalcopyrite mineralization on the EVE claims occurs in narrow, discontinuous veins up to 15 cm wide which are conformable with foliation in the schist. The sulphides occur in boulders, not in outcrop as originally thought. A mineralized boulder train extends from the trenched area towards the southeast.

Rhodonite-bearing skarn was exposed in another trench over a length of 13 metres. The rhodonite is believed to be of high gem quality. In September, 1987 approximately 27.3 tonnes of rhodonite were shipped from the property for gem testing.

NW
Noranda Exploration Co. Ltd

Work Target
105 C 13 (25)
60°56'N, 133°45'W
1986

References: INAC (1983, p. 105, 107)

Claims: SAW 1-6

Source: Summary by T. Bremner of assessment report 091956 by H. Copland.

History:

The SAW claims were staked in 1986 to cover a weak arsenic-vanadium-gold anomaly in silt reported in a Geological Survey of Canada open-file geochemical release.

Description:

The SAW claims lie immediately south of the Red Mountain molybdenum porphyry. The property is underlain by amphibolite and diorite which are believed to form part of the Yukon Cataclastic Complex within the Teslin Suture Zone. Zones of quartz-carbonate alteration a few metres wide were found in both the amphibolite and diorite units.

Current Work and Results:

A silt sample collected near the Geological Survey of Canada location during a brief reconnaissance in 1986 returned 200 ppb As. Two grab samples of altered amphibolite and a sample of talus fines returned only background values.

TES	**Work Target**
Noranda Exploration Co. Ltd.	**105 C 11, 12 (39)**
	60°36'N, 133°29'W
	1986

References: INAC (1987, p. 143)

Claims: TES 11-28

Source: Summary by T. Bremner of assessment report 092046 by C.J.R. Hart.

Current Work and Results:

Magnetometer, EM and gravity surveys were carried out in 1986 to follow up 1985 airborne geophysical anomalies, and 145 soil samples were taken. Geological mapping was impossible due to a total lack of outcrop. The ground geophysics failed to confirm either the previous airborne magnetic highs or the EM conductors and the geochemical response was low. Weak bedrock EM conductors were identified on both claim blocks, but these were not supported by coincident gravity and magnetic anomalies.

	Work Target
TOO	**105 C 13 (42)**
All-North Resources Ltd	**60°54'N, 133°40'W**
	1987

References: INAC (1987, p. 144)

Claims: TOO 1-10

Source: Summary by W.P. LeBarge of assessment report 091977 by T. Garagan (Aurum Geological Consultants Inc.).

History:

The TOO claims were staked in 1986 by Archer, Cathro and Associates (1981) Ltd on the basis of a multi-element geochemical anomaly.

Description:

Mississippian and earlier Big Salmon Complex metamorphosed volcanic, sediments and related intrusives are intruded by granodiorite of the late Cretaceous Quiet Lake Batholith. Late Cretaceous to early Tertiary quartz-feldspar porphyry dykes intrude older lithologies.

In the central part of the claims the metavolcanic rocks are cut by a biotite granodiorite dyke. North to northwest-trending faults are subparallel to themain foliation in the metavolcanic rocks. Quartz float occurs in the west corner of the claim group.

Current Work and Results:

A silt sample collected during a 1986 Geological Survey of Canada Regional Silt Geochemical Survey contained 29 ppb gold, 36 ppm arsenic, 70 ppm Cu and 21 pm Sn. In 1987, All-North Resources Ltd. collected 13 stream sediment, 32 soil and 2 rock samples for 32 element analysis. Stream sediment samples contained up to 30 ppb Au, 80 ppm As and 124 ppm Cu. Soil samples contained up to 25 ppb Au, 226 ppm Cu and 141 ppm Cr. Background levels of metals were detected in samples of quartz float.

WAS	**Work Target**
All-North Resources Ltd	**105 C 13 (43)**
	60°56'N, 133°47'W
	1987

References: INAC (1987, p. 144)

Claims: WAS 1-6

Source: Summary by W.P. LeBarge of assessment report 091975 by T. Garagan (Aurum Geological Consultants Inc).

History:

The WAS claims were staked in 1986 by Archer, Cathro and Associates (1981) Ltd. to cover the headwaters of a creek with a multi-element geochemical silt anomaly discovered during a 1986 Geological Survey of Canada Regional Silt Geochemical Survey.

Description:

Metamorphosed volcanic, intrusive and sedimentary rocks of the Mississippian and earlier Big Salmon Complex are intruded by granodiorite of the Late Cretaceous Quiet Lake Batholith. Late stage quartz-feldspar porphyry dykes of late Cretaceous to Tertiary age crosscut older lithologies.

Boulder float of limonite-stained quartz found west of the claim group is associated with iron carbonate-pyrite-altered diorite and orange-brown soil.

Current Work and Results:

Exploration in 1987 consisted of prospecting, 1:10 000 scale geological mapping and geochemical surveying. Ten stream sediment, 12 soil and 6 rock samples were collected and analyzed for 33 elements. Slightly anomalous metal values were encountered in stream samples, ranging to 50 ppb Au, 160 ppm As and 96 ppm Cu.

Areas of oxidized soil and quartz float gave the best soil values of 145 ppb Au, 9.0 ppm Ag and 765 ppm As.

Two of the six rock samples collected were anomalous in metals. Values as high as 1250 ppb Au, 102 ppm Ag, 1680 ppm As, 237 ppm Cr, 139 ppm Cu, 84 ppm Pb and 70 ppm Sb were obtained from boulder float of brecciated, limonite-stained quartz and carbonate-altered diorite.

10. HAYES PEAK

Tha Resources Ltd
105 C 6
60°23'N, 133°19'W

Claims: THA 1-4,
PATSY 1-4,
GLORY 1-16

17. LINDSAY

S. Drew MacDonald
105 C 14
60°56'N, 133°04'W

Claims: PGMC 1-2, 3-4 FR

44. GLADYS

G. Tronnes
105 C 3
60°03'N, 133°11'W

Claims: GLADYS 1-2

45. QUARTZ

K. Landsman
105 C 4
60°11′N, 133°50′W

Claims: QUARTZ #1 (2 Claims)

46. SUMMIT

Dunvegan V.G. Syndicate
105 C 5
60°25′N, 133°43′W

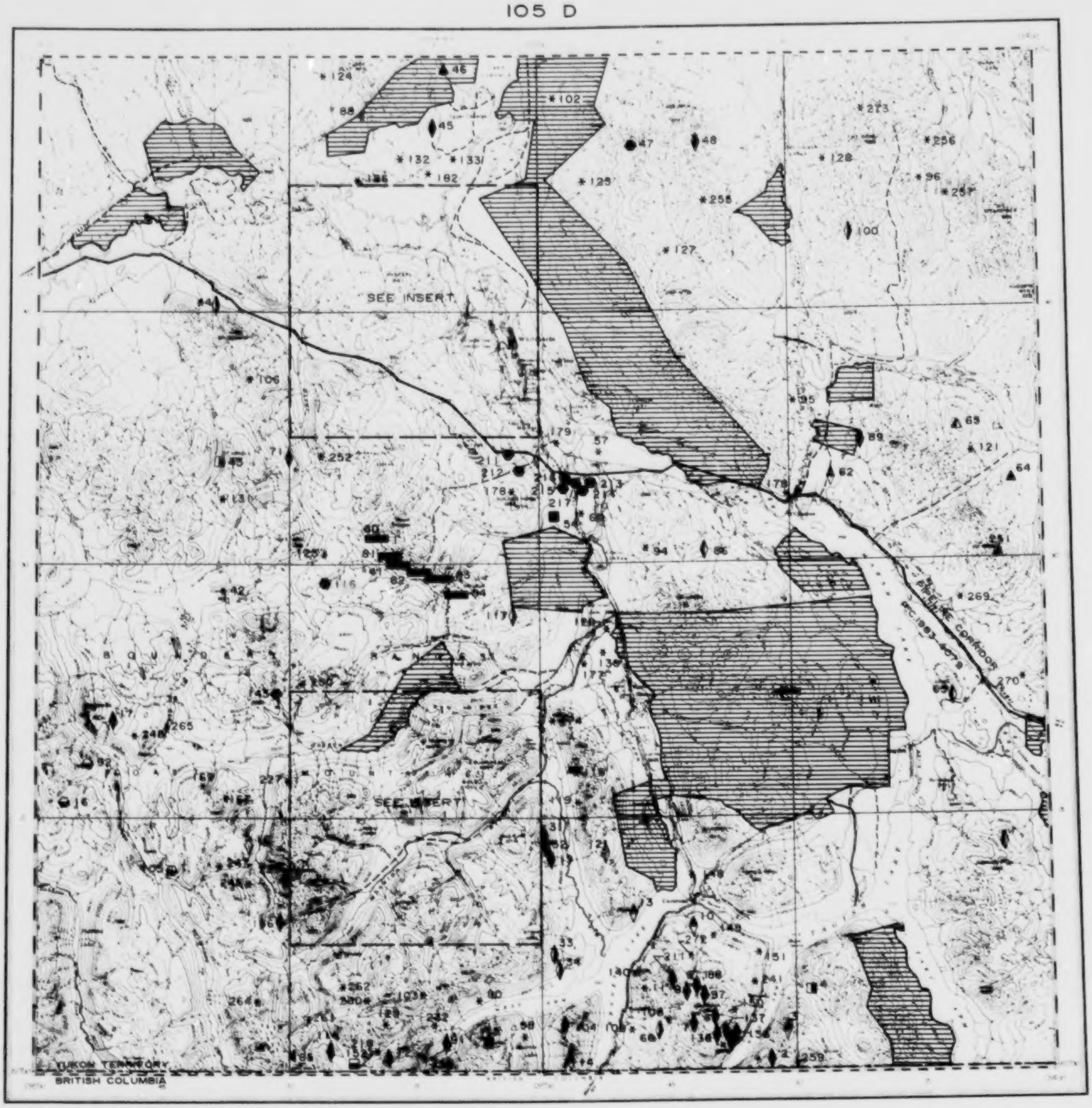
Claims: TOG 1-16;
TOP 1-44

47. QUARTZ VALLEY

Dunvegan V.G. Syndicate
105 C 5
60°22′N, 133°40′W

Claims: TON 1-16;
TOM 1-14

105 D


SEE INSERT
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PIPELINE CORRIDOR
YUKON TERRITORY
BRITISH COLUMBIA
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WHITEHORSE

YUKON TERRITORY

▨ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

5 0 5 10 15 20 25 30

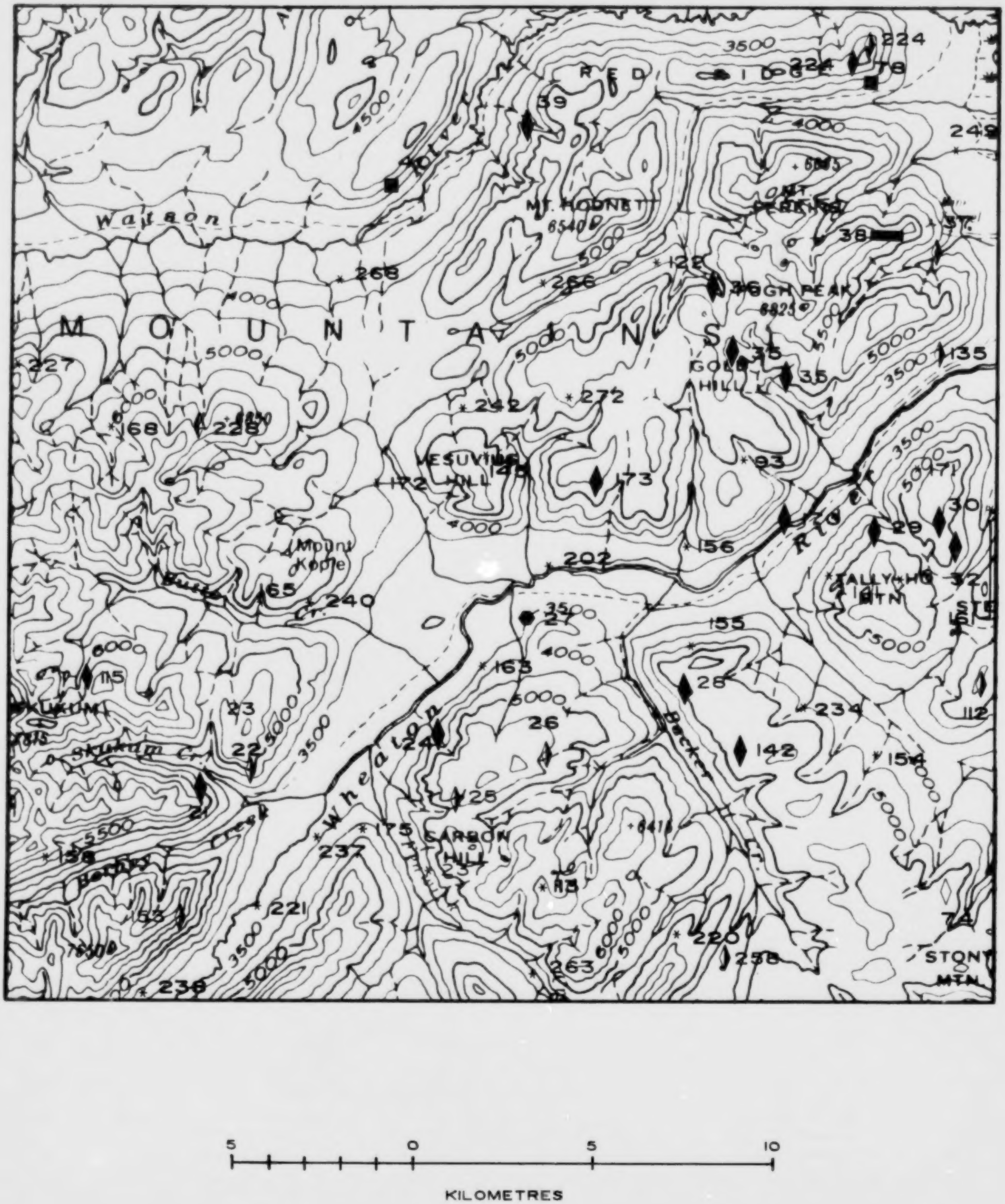
Kilometres

------ Tote Trail

—— Driveable Road

▬ A Airstrip

105D-3N & 105D-6N


RED RIDGE
MT. HODNET
6540
MT. PERKINS
HIGH PEAK
6825
GOLD HILL
M O U N T A I N S
Watson
River
VESUVIUS HILL
Mount Kope
Butte Cr.
Skukum
Skukum Cr.
Becker Cr.
Wheaton
CARBON HILL
Creek
TALLY-HO MTN
STONY MTN
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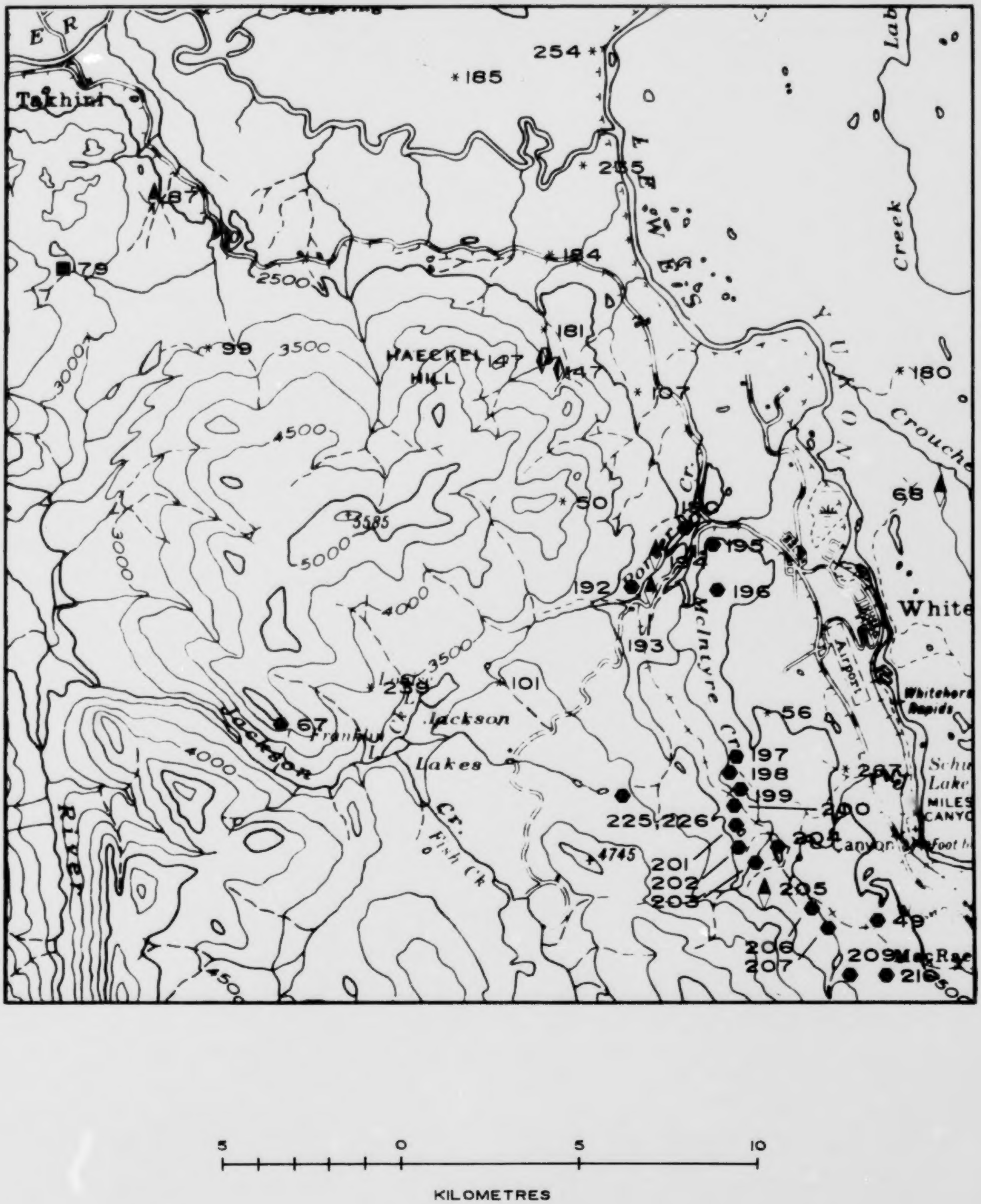
KILOMETRES

105D-11N & 105D-14S



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HAECKEL HILL
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McIntyre Cr.
White
Airport
Whitehorse Rapids
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Jackson
Jackson Lakes
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Franklin L.
Cr.
68
56
197
198
199
200
257
Schwatka Lake
MILES CANYON
225,226
4745
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202
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210
49
MacRae
Fish Ck
River
Yukon
Creek
Crouch
Canyon
4500
4000
Lab
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5
10
KILOMETRES

WHITEHORSE MAP-AREA (NTS 105 D)

General References: GSC Map 1093A and Memoir 312 by J.O. Wheeler, 1961;
GSC Geochem Open File 1218;
INAC Open File 1988-2 (105 D 3 and 6) by R.A. Doherty et al. 1988.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	JUBILEE	Vein Au	105 D 1	5	INAC (1985, p. 159-160)
2	LULU	Vein Au Ag	105 D 2	6	Findlay (1969b, p. 39); INAC (1986, p. 74); This Report
3	MILLET	Vein, Replacment Cu	105 D 2	7	
4	LIME	Porphyry Mo	105 D 1	6	INAC (1981, p. 165)
5	VENUS	Vein Au Ag Pb Zn	105 D 2	3	INAC (1982, p. 7,18,113,116); Walton (1986)
6	MONTANA	Vein Au Ag	105 D 2	4	Findlay (1969a, p. 60-61); This Report
7	THISTLE	Vein Au Ag Pb Zn Cu	105 D 2	7	This Report
8	JEAN	Vein Au Ag	105 D 2	6	INAC (1987, p. 153)
9	BIG THING (ARCTIC)	Vein Au Ag	105 D 2	3	INAC (1981, p. 116-122); This Report
10	CARCROSS	Vein Cu Mo	105 D 2	6	Findlay (1969a, p. 62); INAC (1982, p. 117; 1986, p. 74)
11	KNOB HILL	Work Target	105 D 2	7	Bostock (1941, p. 143)
12	WABONA	Vein Zn	105 D 2	7	
13	COLLEGE GREEN	Vein Cu	105 D 2	7	INAC (1987, p. 154)
14	FINGER	Vein Cu	105 D 2	7	
15	LATREILLE	Porphyry Cu Mo	105 D 3	7	INAC (1981, p. 165)
16	PRIMROSE	Skarn Zn	105 D 5	7	INAC (1982, p. 117)
17	ROSE	Vein Au Ag	105 D 5	7	INAC (1983, p. 111-112,118)
18	BOSTOCK	Vein Sb	105 D 4	7	Bostock (1941, p. 38)
19	CHARLESTON	Vein Au Ag Pb	105 D 4, 3	5	INAC (1987, p. 155-156); This Report
20	BERNEY	Deleted: same as #21, MT REID			
21	MT. REID (SKUKUM CREEK)	Vein Au Ag Sb	105 D 3	2	INAC (1987, p. 156); This Report
22	RACA	Breccia Cu Mo, Vein Au Ag	105 D 3	2	INAC (1987, p. 157)
23	MORNING	Vein Sb Zn	105 D 3	7	Bostock (1941, p. 36-37); INAC (1982, p. 117)
24	GODDELL	Vein Sb Ag Au Pb Zn Cu	105 D 3	6	INAC (1987, p. 158); This Report
25	PORTER	Vein Sb Pb Zn Ag	105 D 3	7	INAC (1986, p. 75) This Report
26	BECKER-COCHRAN	Vein Sb Au	105 D 3	2	INAC (1987, p. 159); This Report
27	FLEMING	Skarn Cu	105 D 3	6	INAC (1987, p. 160)
28	MT. ANDERSON	Vein Au Ag Pb Zn	105 D 3	6	INAC (1981, p. 166; 1987, p. 160-162)
29	TALLY-HO	Vein Au Ag Pb	105 D 3, 6	4	INAC (1987, p. 162-163)
30	MT. WHEATON	Vein Au Ag	105 D 3, 6	6	Wheeler (1961, p. 122-123); INAC (1985, p. 165; 1986, p. 77; 1987, p. 163-164)
31	BUFFALO	Vein Au Ag	105 D 3	7	INAC (1987, p. 165)
32	MT. STEVENS	Vein Au Ag Pb Zn	105 D 2	4	INAC (1987, p. 163-164); This Report
33	CROMWELL	Vein Ag Pb Cu	105 D 2	7	INAC (1982, p. 117); INAC (1985, p. 165)
34	MILLHAVEN	Vein Ag Pb Zn	105 D 2	7	INAC (1987, p. 163-164)
35	GOLD HILL	Vein Au Ag	105 D 6	5	INAC (1987, p. 163-164)
36	GOLD REEF	Vein Au Ag	105 D 6	4	INAC (1987, p. 163-164)
37	UNION MINES (DONKEY)	Vein Ag Pb Zn Au Cu	105 D 6	5	Wheeler (1961, p. 135-136) INAC (1982, p. 117)
38	MT. BUSH	Coal	105 D 6	5	Cairnes (1916, p. 145-147)
39	LEGAL TENDER	Vein Au Ag Pb Zn	105 D 6	6	INAC (1987, p. 163-164, 182-183); This Report
40	ALLIGATOR	Porphyry Cu Mo	105 D 6	7	Craig and Milner (1975, p. 44)
41	WHITEHORSE COAL	Coal	105 D 6, 11	6	INAC (1986, p. 72)
42	MUD	Work Target	105 D 5	9	Findlay (1969a, p. 54-55)
43	ARKELL	Porphyry Mo	105 D 12	7	Craig and Milner (1975, p. 43)
44	INGRAM	Vein Ag Pb Zn	105 D 13	7	Wheeler (1961, p. 136-137)
45	CUTOFF	Vein Ag Au	105 D 14	7	INAC (1982, p. 118; 1985, p. 165)
46	EFFIE	Asbestos	105 D 14	7	
47	POW	Skarn Cu W	105 D 15	7	INAC (1981, p. 166);
48	ACE	Vein Ag Au Pb Zn Cu	105 D 15	7	INAC (1982, p. 118)
49	LITTLE CHIEF	Skarn Cu Au Ag	105 D 11	3	INAC (1983, p. 111-113); Meinert (1986)
50	TREMAR	Work Target	105 D 11,14	9	Craig and Laporte (1972, p. 113)
54	VAL	Porphyry Cu Mo	105 D 10	7	
55	DUGDALE	Deleted: same as #213 COWLEY PARK			
56	SNELL	Work Target	105 D 11	9	INAC (1987, p. 203)
57	LEWES RIVER	Deleted: same as #216 GEM and #217 KODIAK CUB			
58	WALCOTT	Deleted: no information			
59	GOLCONDA	Deleted: no information			
60	GRONK	Deleted: no information			

61 NIP	Deleted: no information			
62 M'CLINTOCK	Vein, Replacement Cu	105 D 9	7	Wheeler (1961, p. 143; Craig & Milner (1975, p. 45)
63 MARSH	Vein Au, asbestos	105 D 8	7	INAC (1987, p. 168-169); This Report
64 LAVALEE	Asbestos	105 D 9	7	INAC (1986, p.79)
65 MICHIE	Mafic/ultramafic Cr	105 D 9	7	
66 RAILROAD	Vein Ag	105 D 2	7	INAC (1987, p. 163-164)
67 GROUSE	Skarn Cu Au Ag Bi	105 D 11	5	INAC (1987, p. 169-170)
68 IMP	Vein Cu	105 D 14	7	
69 BUCHANAN	Deleted: no information			
71 HARNIAK	Vein Cu Ag Au	105 D 11	7	INAC (1986, p. 79)
72 SHAW	Vein Cu Pb Zn Ag Au	105 D 3	5	INAC (1982, p. 116, 117)
73 ALLISON	Deleted: no information			
74 OPULENCE	Vein Sb	105 D 3	7	INAC (1987, p. 163-164)
75 BOBO	Deleted: no information			
76 DONKEY	Deleted: same as #37 UNION MINES			
77 DAWN	Deleted: no information			
78 INCO	Porphyry Cu Mo	105 D 6	7	Doherty et al (1988); This Report
79 SUITS (KING LAKE)	Porphyry Cu Mo	105 D 14	5	Sinclair et al (1975, p. 144-145)
80 FISH LAKE	Coal	105 D 11	7	
81 LUSCAR	Coal	105 D 11	2	INAC (1986, p. 72)
82 PTARMIGAN	Coal	105 D 6	2	INAC (1986, p. 72) Doherty et al (1988
83 COAL RIDGE	Coal	105 D 6	2	INAC (1986, p. 72) Doherty et al (1988)
84 BERESFORD	Coal	105 D 6	2	INAC (1986, p. 72) Doherty et al (1988)
85 BOUDETTE	Vein fluorite	105 D 3, 4	7	Wheeler (1961, p. 143); Lambert (1974); This Report
86 COMBS	Vein Au	105 D 10	7	
87 MIDGETT	Vein Cu	105 D 14	7	
88 GEE	Work Target	105 D 14	9	INAC (1981, p. 168)
89 TONY	Vein Pb Ag Zn	105 D 9	7	INAC (1982, p. 118)
90 WEST	Work Target	105 D 3	9	INAC (1981, p. 166) Doherty et al (1988)
91 PART	Vein U Au Ag Pb	105 D 3	6	INAC (1981, p. 167; 1987, p. 171); Doherty et al (1988); This Report
92 PROSE (DEB)	Skarn Pb Zn Ag	105 D 5	6	
93 POMPEI	Work Target	105 D 6	9	INAC (1981, p. 168)
94 LORNE	Work Target	105 D 10	9	INAC (1981, p. 168)
95 JAVA	Work Target	105 D 9	9	INAC (1981, p. 168); INAC (1985, p. 165)
96 GAMMON	Work Target	105 D 16	9	INAC (1983, p. 114; 1987, p. 171-172)
97 ART	Vein Au Ag	105 D 2	7	INAC (1981, p. 167); This Report
98 MUNROE	Work Target	105 D 3	9	INAC (1981, p. 167)
99 UNTILL	Work Target	105 D 14	9	Sinclair et al (1976, p. 104)
100 ABI	Vein Ag Pb Zn	105 D 16	7	Sinclair et al (1976, p. 108)
101 TOP	Work Target	105 D 11	9	Morin et al (1979, p. 61)
102 LABE	Work Target	105 D 15	9	INAC (1982, p. 118)
103 CRO	Work Target	105 D 3	9	Morin et al (1980, p. 33); This Report
104 BEN	Vein Au Ag	105 D 2	9	Morin et al (1980, p. 33); This Report
105 RAM	Skarn Zn Pb Ag	105 D 4	5	INAC (1983, p. 111, 114-115)
106 RAMING	Work Target	105 D 12	9	Morin et al (1980, p. 36)
107 OJ	Work Target	105 D 14	9	Morin et al (1980, p. 36)
108 ATHES	Work Target	105 D 2	9	INAC (1987, p. 172)
109 DUNK	Work Target	105 D 2	9	INAC (1983, p. 115)
110 UNDAL	Deleted: same as #11 KNOB HILL			
111 TROLL	Deleted: same as #34 MILLHAVEN			
112 ODO	Vein Au Ag Cu	105 D 2, 3	6	INAC (1987, p. 173); Doherty et al (1988); This Report
113 BACHUS	Work Target	105 D 3	9	INAC (1987, p. 173-175)
114 NAIAD	Vein Au Ag Pb Cu	105 D 3	7	INAC (1983, p. 116) Doherty et al (1988); This Report
115 MT. SKUKUM MINE	Vein Au Ag	105 D 3	1	MacDonald (1987); INAC (1987, p. 175); Doherty et al (1988); This Report
116 DAYIR	Skarn Cu Fe	105 D 6	9	INAC (1983, p. 116); Doherty et al (1988)
117 EVIEW	Vein Ag Pb Zn	105 D 6	7	INAC (1987, p. 176); Doherty et al (1988); This Report
118 TIKA	Work Target	105 D 7	9	INAC (1987, p. 177)
119 ILLIA	Work Target	105 D 7	9	INAC (1987, p. 177)
120 AMN	Work Target	105 D 7	9	INAC (1982, p. 117; 1986, p. 78)
121 ICHIE	Work Target	105 D 9	9	INAC (1982, p. 118)
122 ALBATROS	Work Target	105 D 6	9	INAC (1982, p. 117)
123 BEXI	Work Target	105 D 11	9	INAC (1982, p. 118)
124 FLAT	Work Target	105 D 14	9	INAC (1982, p. 118)
125 ERGE	Work Target	105 D 15	9	INAC (1982, p. 118)
126 UNCER	Deleted: same as #48 ACE			
127 SLEWE	Work Target	105 D 15	9	INAC (1982, p. 118)
128 UTSHIG	Work Target	105 D 16	9	INAC (1983, p. 117; 1987, p. 171-172)
129 GLENLIVET	Vein Au Ag Pb	105 D 3	9	INAC (1987, p. 177-178);

				Doherty et al (1988); This Report
130 RAVEN	Work Target	105 D 7	9	INAC (1983, p. 112, 118)
131 MINK	Work Target	105 D 12	9	INAC (1983, p. 112, 118)
132 LAKE	Work Target	105 D 14	9	INAC (1983, p. 112, 118)
133 POOLY	Work Target	105 D 14	9	INAC (1983, p. 112, 118)
134 A+B, C+D	Delete: same as #46 EFFIE			
135 OLLIE	Vein Ag Au Cu	105 D 6	9	INAC (1987, p. 179-180); This Report
136 JOE PETTY	Vein Au Ag	105 D 2	4	Bostock (1957, p. 151-156, 211-213, 252-256, 606-609); This Report
137 URANUS	Vein Au Ag	105 D 2	4	Bostock (1957, p. 151-156, 211-213, 252-256, 606-609)
138 M&M	Vein Au Ag	105 D 2	4	Bostock (1957, p. 151-156, 211-213, 252-256, 606-609)
140 WATSON	Work Target	105 D 2	9	INAC (1985, p. 165)
141 MED	Work Target	105 D 3	9	INAC (1985, p. 165); INAC (1986, p. 75)
142 TYCON	Vein Au Ag	105 D 3	7	INAC (1987, p. 180) Doherty et al (1988)
143 LATER	Skarn Au Ag Cu Pb Zn, Vein Au Ag	105 D 5	6	INAC (1987, p. 181-182)
144 CR	Delete: same as #39 LEGAL TENDER			
145 BEAR (CUB)	Work Target	105 D 6	9	INAC (1987, p. 183); This Report
146 CUP	Delete: same as #64 LAVALEE			
147 BEE	Vein Ag Au Pb Zn, Skarn Cu	105 D 14	6	INAC (1987, p. 184); This Report
148 MYHN	Work Target	105 D 2	9	INAC (1986, p. 74)
149 RAD	Work Target	105 D 2	9	INAC (1986, p. 74)
150 CON	Work Target	105 D 2	9	INAC (1986, p. 74)
151 BO	Work Target	105 D 2	9	INAC (1986, p. 74)
152 MATT	Granite-associated U, REE	105 D 3	7	INAC (1987, p. 185)
153 SCAR	Vein Ag Zn	105 D 3	7	INAC (1987, p. 186) Doherty et al (1988)
154 MO	Work Target	105 D 3	9	INAC (1986, p. 75)
155 ROB	Work Target	105 D 3	9	INAC (1987, p. 187); Doherty et al (1988); This Report
156 CHARLIE	Work Target	105 D 3	7	INAC (1987, p. 188); This Report
157 BUTTE	Deleted: same as #115 MT SKUKUM MINE (mill & tailings site)			
158 HO	Work Target	105 D 3	9	INAC (1986, p. 76)
159 BOUD	Deleted: same as #114 NAIAD			
161 ERA	Work Target	105 D 3, 6, 2	9	INAC (1986, p. 77); This Report
163 JMT	Work Target	105 D 3	9	INAC (1986, p. 76)
165 SULPHIDE CREEK	Work Target	105 D 3	9	INAC (1987, p. 189)
166 JJ	Vein Pb Au Ag	105 D 4	7	INAC (1987, p. 190); This Report
167 FACE	Work Target	105 D 5	9	INAC (1987, p. 191)
168 BOTWAT	Work Target	105 D 5, 6	9	INAC (1987, p. 192)
169 CA	Work Target	105 D 5	9	INAC (1986, p. 78); This Report
170 MR	Vein Ag Au	105 D 3, 6	7	INAC (1987, p. 193); This Report
171 FANIN	Work Target	105 D 3, 6	9	INAC (1987, p. 193-194)
172 STONE	Work Target	105 D 3, 5	9	INAC (1987, p. 194)
173 WAL	Vein Au Ag	105 D 3, 6	7	INAC (1987, p. 195); Doherty et al (1988)
174 SURPRISE	Work Target	105 D 7	9	INAC (1986, p. 78)
175 TREE	Work Target	105 D 2	9	INAC (1986, p. 77)
177 A	Work Target	105 D 7	9	INAC (1986, p. 79);
178 ROSSBANK	Vein Au	105 D 10	9	INAC (1986, p. 79);
179 ATA	Work Target	105 D 10, 11	9	INAC (1986, p. 79)
180 CAMEO	Work Target	105 D 14	9	INAC (1986, p. 79)
181 GUAJALOTE	Work Target	105 D 14	9	INAC (1986, p. 79)
182 DRILL	Work Target	105 D 14	9	INAC (1986, p. 80)
184 MURIEL	Work Target	105 D 14	9	INAC (1987, p. 196)
185 DUST	Work Target	105 D 14	9	INAC (1986, p. 70)
186 WATER	Work Target	105 D 14	9	INAC (1936, p. 70)
187 GILL	Deleted: same as #186 WATER			
188 PEERLESS	Deleted: same as #9 BIG THING			
189 PRIDE OF YUKON	Deleted: same as #9 BIG THING			
190 RABBIT FOOT	Skarn Cu Au	105 D 11	7	Watson (1984)
191 GULCH	Deleted: same as #92 PUEBLO			
192 PUEBLO	Skarn Cu Au Ag	105 D 11	4	Watson (1984)
193 RESERVOIR LAKE	Vein Cu	105 D 11	7	Watson (1984)
194 SCHEELITE	Vein Cu Au W	105 D 11	7	Watson (1984)
195 COPPER KING	Skarn Cu Au Ag Mo	105 D 11	4	Watson (1984)
196 CARLISLE	Skarn Cu Au Ag	105 D 11	4	Watson (1984)
197 SPRING CREEK	Skarn Cu	105 D 11	7	Watson (1984)
198 EMPRESS OF INDIA	Skarn Cu W	105 D 11	7	Watson (1984)
199 RETRIBUTION	Skarn Cu	105 D 11	7	Watson (1984)
200 BEST CHANCE	Skarn Cu Au Ag	105 D 11	2	Watson (1984)
201 GRAFTER	Skarn Cu Mo	105 D 11	4	Watson (1984); This Report
202 ARCTIC CHIEF	Skarn Cu Au Ag	105 D 11	4	Watson (1984)
203 SUBURBAN	Skarn Cu Au	105 D 11	7	Watson (1984)
204 VERONA	Skarn Cu Au	105 D 11	7	Watson (1984)
205 POLAR	Vein Cu	105 D 11	7	Watson (1984)
206 BIG CHIEF	Skarn Cu Au Ag	105 D 11	7	Watson (1984)

207	MIDDLE CHIEF	Skarn Cu Au Ag	105 D 11	4	Watson (1984)
209	VALERIE	Skarn Cu Au Ag	105 D 11	4	Watson (1984)
210	NORTH STAR	Skarn Cu Au Ag	105 D 11	7	Watson (1984)
211	PASS LAKE	Skarn Cu Au	105 D 11	7	Watson (1984)
212	COPPER CLIFF	Skarn Cu	105 D 11	7	Watson (1984)
213	COWLEY PARK, SUE	Skarn Cu Mo Au Ag	105 D 11	2	Findlay (1969a, p. 54); Watson (1984); This Report
214	BLACK CUB, GRIZZLY CUB, BROWN CUB, RAILWAY	Skarn Cu Au Ag Mo	105 D 11	3	Watson (1984)
215	KEEWENAN	Skarn Cu Au Ag Mo	105 D 11	3	Watson (1984)
216	GEM	Skarn Cu	105 D 11	2	Watson (1984)
217	KODIAK CUB	Skarn Cu Au Ag	105 D 11	2	Watson (1984); This Report
218	AUL	Work Target	105 D 3	9	INAC (1987, p. 206)
219	O.B.I.	Deleted: same as #156 CHARLIE			
220	KIM	Deleted: same as #21 MT REID (SKUKUM CREEK)			
221	KIR	Work Target	105 D 3	9	INAC (1987, p. 206)
222	RAIN	Deleted: same as #156 CHARLIE			
224	RED RIDGE	Vein Ag Au Cu	105 D 6	7	Doherty et al (1988); This Report
225	WAR EAGLE	Skarn Cu Au Ag	105 D 11	4	Watson (1984); INAC (1983, p. 111-113; 1987, p. 197); This Report
226	ANACONDA	Skarn Cu Au	105 D 11	7	INAC (1987, p. 197)
227	MAY	Work Target	105 D 5, 6	9	INAC (1987, p. 197-198)
228	SAID	Vein breccia Au	105 D 6	6	INAC (1987, p. 199); Doherty et al (1988); This Report
229	EARL	Vein Au Ag	105 D 3, 4	7	INAC (1987, p. 199-200); Doherty et al (1988); This Report
230	MH	Deleted: same as #39 LEGAL TENDER			
231	NYAC	Deleted: same as #6 MONTANA			
232	CISCO	Work Target	105 D 3	9	This Report
233	JB	Deleted: same as #149 RAD			
234	FOX	Work Target	105 D 3	9	INAC (1987, p. 234); This Report
235	FREEDOM	Work Target	105 D 14	9	INAC (1987, p. 207)
236	GMC	Deleted: same as #118 TIKA and #119 ILLIA			
237	STEN	Work Target	105 D 3	9	INAC (1987, p. 207); This Report
238	KID	Work Target	105 D 3	9	INAC (1987, p. 207)
239	FALCON	Work Target	105 D 11	9	INAC (1987, p. 207)
240	GLEE	Work Target	105 D 3	9	INAC (1987, p. 208)
242	NUKE	Work Target	105 D 6	9	C.J.R. Hart, pers. comm.
241	DOUG	Work Target	105 D 2	9	INAC (1987, p. 208)
243	BEN	Deleted: same as #104 BEN			
244	TAG	Deleted: same as #9 BIG THING			
245	SON	Work Target	105 D 4	9	INAC (1987, P. 208); This Report
246	BTT	Work Target	105 D 3	9	INAC (1987, p. 288)
247	ELSE	Work Target	105 D 4	9	INAC (1987, p. 208); This Report
248	GRANT	Work Target	105 D 5	9	INAC (1987, p. 208)
249	ALPHA	Work Target	105 D 6	9	INAC (1987, p. 208)
250	SOONER	Work Target	105 D 6	9	INAC (1987, p. 208)
251	LILLIAN	Work Target	105 D 9	9	INAC (1987, p. 208)
252	ACE	Work Target	105 D 11	9	INAC (1987, p. 208)
253	DHW	Deleted: same as #56 SNELL			
254	CRANBERRY	Work Target	105 D 14	9	INAC (1987, p. 208)
256	JA	Work Target	105 D 16	9	INAC (1987, p. 208)
257	AM	Work Target	105 D 16	9	INAC (1987, p. 208)
258	CRAIG	Vein Ag Sb Pb Zn Cu	105 D 3	7	Doherty et al (1988)
259	RIGEL	Work Target	105 D 2	9	This Report
260	BOB	Work Target	105 D 3	9	This Report
261	ETTE	Work Target	105 D 3	9	This Report
262	SIN	Work Target	105 D 3	9	This Report
263	BERG	Work Target	105 D 3	9	This Report
264	WHE	Work Target	105 D 4	9	This Report
265	WORB	Work Target	105 D 5	9	This Report
266	NET	Work Target	105 D 6	9	This Report
267	GE	Work Target	105 D 11	9	This Report
268	VIN	Work Target	105 D 6	9	This Report
269	BRONCO	Work Target	105 D 8	9	This Report
270	PHIL	Work Target	105 D 8	9	This Report
271	BARR	Work Target	105 D 3	9	This Report
272	BRUTE	Work Target	105 D 2	9	This Report
273	BM	Work Target	105 D 16	9	This Report

LULU
Premier Mining Corp. Ltd

Gold, Silver Vein
105 D 2 (2)
60°04'N, 134°32'W
1971

References: Findlay (1969b, p. 39); INAC (1986, p. 74)

Claims: LULU 1-16

Source: Summary by T. Bremner of assessment report 091744 by M.P. Phillips.

History:

The LULU claims were staked on an old showing known as the RAMS HORN, which was explored by trenches and three short adits prior to 1908.

Description:

Metamorphosed volcanic rocks of the Taku Group are intruded by Cretaceous granodiorite and Tertiary feldspar porphyry. A fault zone cutting altered aphanitic volcanic rocks hosts irregular lenses of vuggy quartz up to 12 cm wide containing arsenopyrite, pyrrhotite, pyrite, minor galena and traces of chalcopyrite. The fault zone strikes 040-085° and dips 25-69° northwest. The old adits and one of the old trenches all follow the fault, which pinches out along strike and down dip.

Current Work and Results:

The area around the old workings was remapped and sampled in 1971. A sulphide-bearing quartz lens in the No. 2 adit returned 21.9 g/t Au and 37.4 g/t Ag over a 30 cm width. Fine-grained altered volcanic rocks containing 6 mm quartz lenses and up to 3% pyrrhotite and pyrite were sampled in the No. 3 adit, returning 1.7 g/t Au and 166.3 g/t Ag over 45 cm.

BIG THING (TAG)
(Adjoins BIG THING (ARCTIC) property)
W.L. Fowler

Work Target
105 D 2 (9)
60°07'N, 134°40'W
1986

References: INAC (1987, p. 208)

Claims: TAG 1-20

Source: Summary by W.P. LeBarge from assessment report 091719 by G.S. Davidson.

History:

The TAG claims were staked in 1986 by W.L. Fowler.

Description:

The TAG property is underlain by Paleozoic and Mesozoic sedimentary and volcanic rocks which are intruded by the granitic Carcross Pluton. Cache Creek Group andesitic flow and pyroclastic rocks outcrop on the southeast corner.

Sulphide mineralization occurs to the south of the property at the old Arctic Gold and Silver Mines workings. Three north to northwesterly dipping fracture zones in granodiorite host gold and silver-bearing veins with quartz, pyrite, galena, sphalerite, arsenopyrite and minor chalcopyrite.

Current Work and Results:

In 1986 a program of exploration was undertaken in an effort to locate mineralized quartz vein structures such as those found on the Arctic Gold and Silver Mines Property. A grid was constructed, and VLF-EM magnetometer and soil geochemical surveys were completed. Five hundred soil samples were collected of which 203 were analysed for gold, silver and lead. Moderately anomalous gold values up to 220 ppb Au were obtained from an east-trending zone. Moderate to weak VLF conductors coincided with the geochemical anomaly.

BIG THING (PEERLESS)	**Gold, Silver Vein**
(Adjoins BIG THING (ARCTIC) property)	**105 D 2 (9)**
Larry Barrett	**60°05'N, 134°40'W**
	1986

References: INAC (1981, p. 116-122, 167)

Claims: BARB 1-34

Source: Summary of T. Bremner of assessment report 091932 by A.J. Reed, and information provided by L. Whelan (personal communication, 1988).

History:

The BARB claims cover the old PEERLESS mine and surround the PRIDE OF YUKON and CARIBOU Crown Grants which were mined in 1968 and 1969, producing 50 960 tonnes of ore with an average grade of 8.9 g/t Au and 308.6 g/t Ag. The mine closed in 1969 and little work has been reported since then. The BARB property was staked by Larry Barrett in 1985 to cover open ground around the two remaining Crown Grants.

Description:

The PEERLESS adit on the BARB claims intersected two gold and silver-bearing quartz veins. Both veins consist of quartz, pyrite and arsenopyrite. The #1 vein strikes 067° and dips 030° NW, and was explored by drifting and diamond drilling. The vein varies from 0.15 to 0.61 m in thickness and carries erratic grades up to 2.7 g/t Au and 394.3 g/t Ag. The adit intersected the #2 vein on the boundary between the BARB claims and the PRIDE OF YUKON Crown Grant. The #2 vein strikes 040° and dips 40° NW, varying in width from 0.3 - 0.46 m and containing 10 to 50% sulphides. It was explored by drifting to the southwest beneath the Crown Grant, where a channel sample across the vein returned 41.1 g/t Au and 113.1 g/t Ag across 1.2 m. The northeast extension of the vein beneath the BARB claims was never explored.

Current Work and Results:

A pre-feasibility study was carried out in 1986. This included a review of the economics of the 1968-69 Arctic Gold and Silver Mining operation, a survey of the PEERLESS mine dump, and a review of the 1966 soil survey results. The following conclusions were drawn:

1. The BARB property probably contains significant gold and silver reserves which complement proven reserves of 74 757 tonnes grading 13.4 g/t Au and 349.7 g/t Ag on the adjacent CARIBOU and PRIDE OF YUKON Crown Grants.

2. The Arctic Gold and Silver mill which had a capacity of 273 tonnes per day was excessively large for the scale of the mining operation. It is believed that the PEERLESS mine could feasibly supply a 5 to 46 tonne per day mill.

3. The PEERLESS dump contains approximately 1820 tonnes of mineralized quartz vein material.

4. Several areas of high gold and silver values were outlined by 1966 soil surveys. New surveys using more reliable analytical techniques for gold and silver should yield more definitive results.

In March, 1988, a VLF survey identified several major vein faults striking northeast across the BARB claims.

MT REID
Omni Resources Inc.

Gold, Silver Vein
105 D 3 (21)
60°10'N, 135°24'W

Reference: INAC (1988, p. 156); Sinclair et al. (1975, p. 146-147).

Claims: KIM 1-52

Source: Summary by T. Bremner of assessment report 091925 by A. Montgomery.

History:

The KIM claims were added to the east end of Omni's Skukum Creek property in 1985.

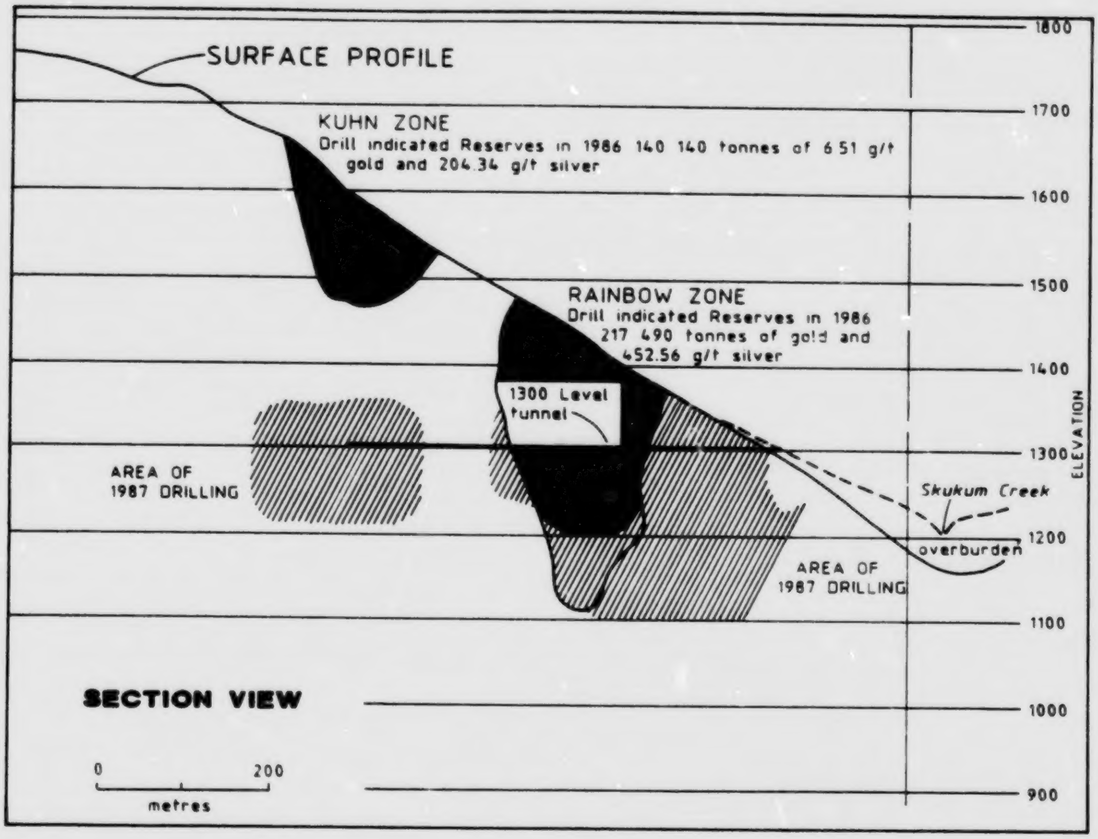
Description:

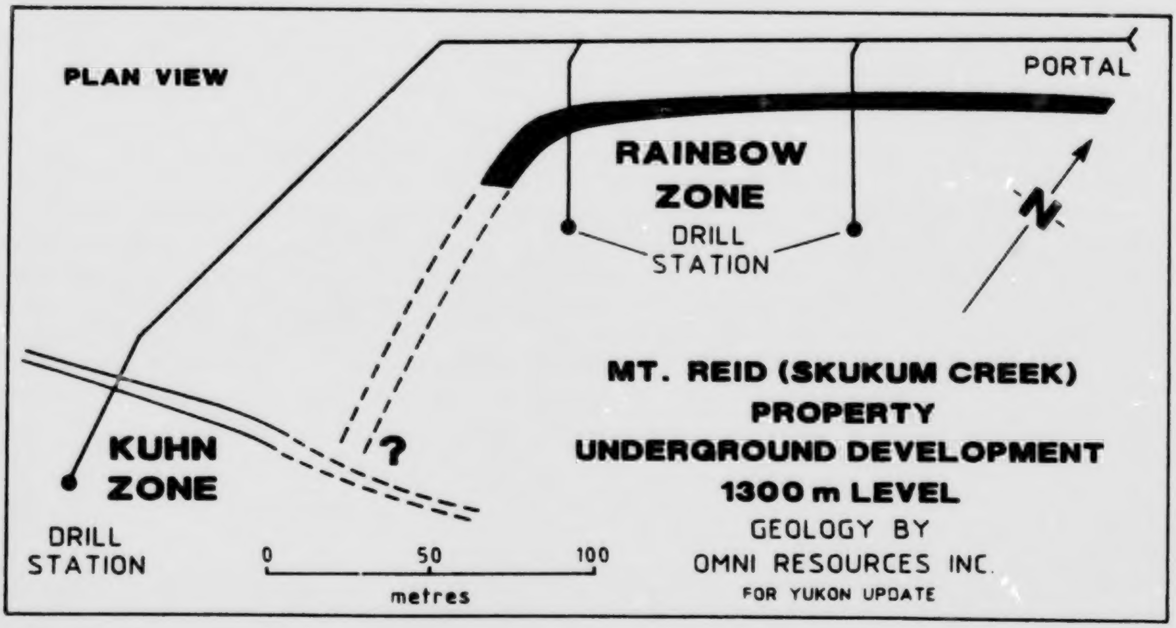
Numerous Eocene andesite and rhyolite dykes intrude Cretaceous quartz monzonite. Swarms of parallel andesite dykes trend west to northwest, while rhyolite dykes trend north to northeast.

Current Work and Results:

In 1986 the KIM claims were mapped at a scale of 1:10,000. Minor zones of quartz veining, brecciation, shearing and alteration were identified but no economically significant mineralization was found.

Forty reconnaissance rock and soil samples were collected from the east and northwest faces of Mt. Ward, and 724 soil samples were taken on a 50 x 50 m grid covering the ridge-top plateau. The samples were analysed for Pb, Zn, Ag, As and Sb. Three areas of interest were identified. The best results came from an outcrop on the northwest face, where intensely quartz-veined, clay and sericite-altered monzonite contained chalcocite, malachite, azurite and pyrite. A sample from this outcrop returned values of 235.5 ppm Ag, 73 ppb Au, 5904 ppm Cu, 1116 ppm Zn, 406 ppm As and 3028 ppm Sb. Anomalous gold values were found at the east end of the property. Chalcedony-breccia float from a northeast-trending gully contained 175 ppb Au and a sample of talus fines from the same area returned 180 ppb Au. A stream sediment sample containing 19.2 ppm Ag was taken near the southwest end of the property.


SURFACE PROFILE
KUHN ZONE
Drill indicated Reserves in 1986 140 140 tonnes of 6.51 g/t gold and 204.34 g/t silver
RAINBOW ZONE
Drill indicated Reserves in 1986 217 490 tonnes of gold and 452.56 g/t silver
1300 Level tunnel
AREA OF 1987 DRILLING
AREA OF 1987 DRILLING
Skukum Creek
overburden
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
ELEVATION
SECTION VIEW
0
200
metres


PLAN VIEW
PORTAL
RAINBOW ZONE
DRILL STATION
N
KUHN ZONE
DRILL STATION
?
0
50
100
metres

MT. REID (SKUKUM CREEK) PROPERTY
UNDERGROUND DEVELOPMENT
1300 m LEVEL
GEOLOGY BY
OMNI RESOURCES INC.
FOR YUKON UPDATE

GODDELL, PORTER, BECKER-COCHRAN
Berglynn Resources Inc.

Antimony, Lead, Zinc, Silver
Gold Veins
105 D 3 (24, 25, 26)
60°11'N, 135°15'W
1986

References: INAC (1987, p. 158-159)

Claims: POP 1-70, 101-122 including fractions; TECH 1-40 including fractions

Source: Summary by T. Bremner of assessment report 091931 by R.C.R. Robertson.

Current Work and Results:

Exploration in 1986 was carried out in three phases. Geological mapping, prospecting and geochemistry was done over parts of the POP claim group. The old Becker-Cochran #3 adit was rehabilitated, mapped and sampled. Backhoe trenches were excavated on the POP 25-27 and POP 49 claims.

Faults exposed in Goddell Gully and at the Becker-Cochran adits are interpreted as part of a major fault zone which trends 115° over a strike length of at least 4 km. Within the fault zone, quartz-biotite-stibnite-base metal veins carry up to 13.0 g/t Au. The fault zone cuts Cretaceous quartz monzonite, Cretaceous Tantalus Formation conglomerate and Mesozoic andesitic volcanic rocks. Eocene rhyolite dyke swarms and flows are common on the east side of the property and contain up to 250 ppb Au in silicified breccia zones.

The Becker-Cochran #3 adit extends 95 m from the portal where it intersects a drift along the main stibnite vein. Between the portal and the main drift the adit intersects numerous small shear zones in the monzonite containing calcite veinlets and areas of well-developed clay alteration and gouge. Chip samples from the adit returned background values of gold and silver.

Only the Goldpan Gully geochemical anomaly was trenched in 1986 due to the early onset of winter. The trenching uncovered pyritic andesite tuff and flows intruded by a feldspar porphyry plug, clay-altered rhyolite dykes trending 030° and flow-banded dacite breccia. Up to 10% disseminated pyrite occurs in two areas of pervasive silicification. Quartz-carbonate alteration is confined to narrow zones with abrupt contacts. Much of the rhyolite at the south end of the anomaly is clay-altered. No significant gold values were encountered in bedrock.

MT. STEVENS, CHARLESTON	**Gold, Silver, Lead, Zinc Vein**
Island Mining and Exploration Ltd	**105 D 2, 3 (32, 19)**
	60°10'N, 135°10'W
	1987

References: INAC (1987, p. 165-167)

Claims: TON 1-16; JL 1-80; GRAY 1-4; AFI 225-296; ISLAND 1-2FR

Source: Summary by T. Bremner of assessment report 091991 by A. Montgomery.

Current Work and Results:

Eight holes totalling 899.9 m were drilled in the Midnight Gulch area in 1987. The drillholes penetrated a sequence of andesite to rhyolite lithic tuffs and flows. Quartz-calcite stringers were common throughout the section. The best intersection was recorded in DDH 87-WB2 on the WHEELBARROW zone where a thin quartz vein crosscutting a dyke of propylitically-altered rhyolite porphyry returned 11.5 g/t Au and 3.8 g/t Ag over 45.7 cm.

LEGAL TENDER	**Gold, Silver, Lead, Zinc Vein**
Havilah Gold Mines	**105 D 6 (39)**
	60°20'N, 135°15'W
	1986

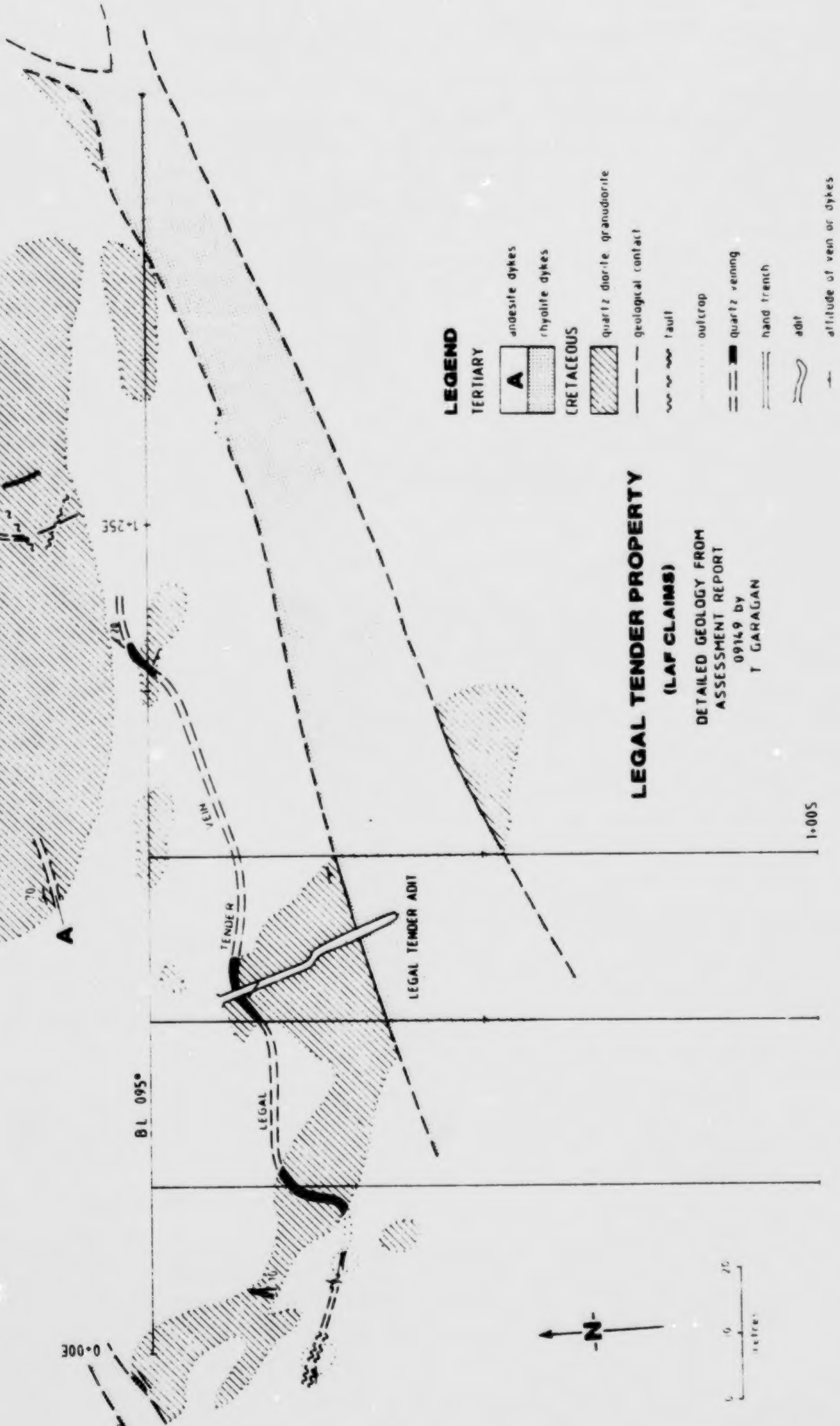
References: Cairnes (1912, p. 112-113); INAC (1987, p. 203)

Claims: LAF 1-20

Source: Summary by T. Bremner of assessment report 091949 by T. Garagan (Aurum Geological Consultants Inc.)

History:

J. Perkins discovered and staked the LEGAL TENDER vein in 1906. Samples from a 30.5 m drift returned 51.4-68.6 g/t Au and 2057.1-2742.8 g/t Ag. The claims were restaked several times between 1925 and 1974. The LAF 1-20 claims were staked in 1986 to cover the LEGAL TENDER adit area.


LEGAL TENDER PROPERTY
(LAF CLAIMS)
DETAILED GEOLOGY FROM
ASSESSMENT REPORT
09149 by
T GARAGAN
LEGEND
TERTIARY
A andesite dykes
rhyolite dykes
CRETACEOUS
quartz diorite granodiorite
geological contact
fault
outcrop
quartz veining
hand trench
adit
attitude of vein or dykes
0+00E
BL 095°
1+25E
1+00S
LEGAL
TENDER
VEIN
LEGAL TENDER ADIT
A
70
N
0
10
20
metres

Description:

Cretaceous granodiorite is intruded by a swarm of rhyolite, and andesite dykes of Eocene age. Two veins occur on the property: the main LEGAL TENDER vein and the lower vein located 300 m to the west.

The LEGAL TENDER vein is exposed in outcrop, float, small trenches and a 30 m adit over a strike length of 120 m and occupies a shear zone in granodiorite up to 2 m wide. It strikes 105-140° sub-parallel to the rhyolite dykes and dips 20-45° southwest, pinching out to the west and becoming lost in talus to the east. The vein carries up to 10% galena and minor chalcopyrite which are irregularly distributed. Strong propylitic alteration of the host granodiorite is evident along the vein margins.

The lower vein is exposed in outcrop and boulders over a strike length of 200 m. It is about 1.5 m thick and is cut by several large rhyolite dykes. Specular hematite and sulphides make up 1 to 5% of the vein which consists mostly of fine-grained quartz. The vein pinches out to the east and disappears in talus and overburden to the west.

Current Work and Results:

The LEGAL TENDER adit was mapped in 1986 and the LEGAL TENDER vein was covered by a small geochemical grid. Two soil samples collected at the top of the LEGAL TENDER gully contained 5 ppm Ag and 120 ppb Au respectively. Grab samples from the LEGAL TENDER vein east of the adit returned up to 25.1 g/t Au and 425.1 g/t Ag. Chip samples returned up to 840 ppb Au over 1.0 m and up to 51.8 g/t Ag over 1.6 m. A grab sample from the lower vein returned 142.6 g/t Ag and 340 ppb Au.

MARSH	**Gold Vein**
G. McLeod	**105 D 8 (63)**
	60°22'N, 134°12'W
	1987

References: INAC (1987, p. 168-169)

Claims: BUG 1-20

Source: Summary by W.P. LeBarge of assessment report 091730 by G.S. Davidson and notes based on a property visit by T. Bremner in July, 1987.

Description:

A system of massive quartz-carbonate-fuchsite alteration zones occurs along the margins of and within a fault-bounded body of serpentinized peridotite. The serpentinite is separated from the quartz-carbonate by 1-2 m of talc schist. The alteration zones form dyke-like bodies about 12 m wide, which form conspicuous orange cliffs about 9 m high and extend at least 2.4 km along strike. The fresh rock is extremely hard, generally white to light green or grey in colour and frequently shows pale colour banding on a scale of about 0.5 cm. Where seen the colour banding is vertical and strikes north to northwest. In places the alteration is cut by generally vertical quartz veins, along one of three regional fracture systems, with azimuths of approximately 010°, 100° and 160° respectively. Visible sulphides are rare in the quartz-carbonate rock but make up about 5% of the rock in occasional breccia zones.

The main quartz-carbonate body trends 160°, occupying a fault zone which separates greywacke, pebbly greywacke and slate of the Jurassic Laberge Group from massive green porphyritic to tuffaceous rocks of the Permo-Triassic Cache Creek Group (Taku Group). This fault zone forms a pronounced air photo lineament which is easily traceable for many kilometres beyond the property.

Current Work and Results:

The 1987 program consisted of the construction of an extensive road system and the excavation of four trenches (87-1 to 87-4) using a combination of bulldozer work and blasting. The trenches were mapped at a scale of 1:200 by G.S. Davidson. The property was visited by S.B. Ballantyne (Geological Survey of Canada), who collected samples for detailed mineralogical study, and by T.J. Bremner (INAC), who spent several days mapping to relate the property geology to the regional geology.

Trench 87-1 exposed a grey brecciated quartz vein situated at thecontact between serpentinite, sandstone and slate. Up to 5% sulphides were found, mostly pyrite. Samples of the brecciated zone gave a weighted average grade of 534 ppb Au over 12 metres, with a high value of 1790 ppb over 50 cm.

Trench 87-2 exposed a quartz vein 0.3 to 1.2 m wide along a strike length of 36.6 metres. This vein contains up to 7% W (G. McLeod, personal communication (1988).

Trench 87-3 cut across the western alteration zone, exposing a 9.5 metre thickness of massive grey and white banded quartz-carbonate rock.

Trench 87-4 exposed a brecciated, clay-altered pod of quartz-carbonate in highly sheared dark green volcanic rocks. A 1.5 metre quartz vein cuts the brecciated zone, and a clay-altered felsic dyke (10 cm) cuts non-brecciated volcanic rocks at the northwest end of the trench.

PART
Eaglet Mines Ltd

Gold, Silver, Lead Vein
105 D 3 (91)
60°01'N, 135°13'W
1986

References: INAC (1981, p. 167).

Claims: PART 1-50

Source: Summary by T. Bremner of assessment report 091926 by A.W. Gourlay (Minequest Exploration Associates Ltd).

History:

The property was first staked and drilled for uranium in 1978. The claims were subsequently dropped, but were restaked by L. Allen and R. Bilquist in co-operation with Minequest Exploration Associates in 1985. In 1986 the claims were optioned to Eaglet Mines Ltd.

Description:

Gold, silver, galena, pyrite and chalcopyrite occur in quartz veins occur in fractured ignimbrite of the Eocene Bennett Lake Caldera complex. Preliminary sampling of the discovery showing in 1985 returned values up to 57.9 g/t Au and 3442.2 g/t Ag.

Current Work and Results:

In 1986, detailed mapping, prospecting, geochemistry and geophysics over the central and south parts of the claims resulted in the discovery of several new occurrences. Mineralization is confined to north-trending fractures which dip steeply to the west and cut across a strong northwest-trending magnetic anomaly.

Three BQ diamond drillholes tested the downdip extension of the discovery vein. All three holes intersected quartz veins up to 5 mm thick which carry pyrite and galena. Intensely veined sections up to 2 metres wide contain as many as 20 veins per metre, with some of the veins consisting largely of sulphides. The high-grade values found at surface did not continue at depth but persistent sulphide mineralization and anomalous values up to 3.6 g/t Au and 50 g/t Ag were found in all three holes.

ART
McCrory Holdings (Yukon) Ltd

Gold, Silver Vein
105 D 2 (97)
60°04'N, 134°39'W
1985

References: INAC (1981, p. 67); Roots (1981)

Claims: RAT 1-24

Source: Summary by T. Bremner of assessment report 091839 by R.C.R. Robertson.

History:

Numerous gold and silver occurrences were discovered on Montana Mountain between 1906 and 1909. Several of these (VENUS, MONTANA, ARCTIC-BIG THING) were mined between 1909 and 1921. The ARCTIC/CARIBOU (BIG THING) mine which adjoins the north side of the RAT claims comprises approximately 1000 m of underground workings excavated during the periods 1905-1909 and 1966-1969. A total of 59 823 m tonnes of ore was produced during the periods 1905-1909 and 1968-1969. The earlier shipments were of high-grade material with 34 g/t Au and 687-1029 g/t Ag. Remaining reserves are estimated at 9072 tonnes of 8.9 g/t Au and 309 g/t Ag.

Some prospecting, trenching and sampling was done on the ART property prior to 1936. Five subparallel veins were discovered, trending 80-85° and strongly mineralized with pyrite and arsenopyrite. The main vein was more than 914 m long and up to 12 m wide. Further sampling was done in 1965, followed by diamond drilling by TRV Minerals Corporation in 1979. Three BQ holes were drilled on the present RAT 18 claim. These holes failed to intersect any of the veins, and mineralization was restricted to a 3.7 m zone in one hole with thin quartz stringers which assayed 2.1 g/t Au and a trace of silver.

Description:

Plutonic and volcanic rocks of the Late Cretaceous Montana Mountain Complex (Roots, 1981) consist of the Carcross granitic pluton and associated andesite domes and intrusive breccias. Rhyolite and rhyolite-porphyry dykes intrude the complex. To the north and east the igneous rocks intrude Jurassic Laberge Group greywacke and Pennsylvanian and Permian greenstone and serpentinized gabbro of the Cache Creek Group. Tertiary aplite dykes mark the contact between the intrusive complex and the older rocks.

Current Work and Results:

In 1985, prospecting turned up significant gold values in severely caved trenches dating from the mid-1960's. Quartz veins up to 20 cm wide containing pyrite, arsenopyrite and galena cut strongly altered wallrock. The best of ten rock samples assayed 21 g/t Au, 129 g/t Ag and 0.45% As.

CRO
All-North Resources Ltd

Work Target
105 D 3 (103)
60°05'N, 135°15'W
1987

References: Morin et al (1980, p. 33)

Claims: MAC 1-14

Source: Summary by W.P. LeBarge of assessment report 091978 by T. Garagan (Aurum Geological Consultants Inc.)

History:

The CRO 1-8 claims were staked in 1978 by E&B Explorations Ltd and Malabar Mines Ltd during a uranium exploration program. During the same year geological mapping, geochemical sampling and radiometric surveys were conducted. No significant anomalies were detected and the claims were allowed to lapse. In June 1986, a Geological Survey of Canada Regional Silt Geochemical Survey was released. A sample taken from a nearby stream gave values of 144 ppb and 281 ppb Au, 8.8 ppm Sb, 850 ppm As and 3.6 ppm Ag. The MAC 1-14 claims were staked in July 1986 by All-North Resources Ltd to cover the headwaters of the anomalous stream.

Description:

Cretaceous hornblende-biotite granodiorite and K-feldspar megacrystic hornblende granodiorite of the Coast Plutonic Complex is intruded by Tertiary quartz-feldspar porphyry ring dykes which form part of the Bennett Lake Caldera complex. Several east and northeast-trending faults on the property are spatially and structurally associated with the dyke system. An east-trending quartz vein 40 m long varies from 10 cm to 2 m wide and contains traces of pyrite.

Current Work and Results:

Exploration in 1987 consisted of stream sediment, soil and rock sampling. Of the 15 stream sediment samples and 43 soil samples which were collected and analysed for gold and silver, none were found to be above background levels. Two of the 6 rock chip samples returned anomalous values for gold and silver. One 10 cm chip sample from a small quartz vein assayed 155 ppb gold and 6.2 ppm silver, while a 1 metre chip sample of another vein assayed 16 ppb gold and 8.4 ppm silver.

BEN
All-North Resources Ltd

Gold, Silver Vein
105 D 2 (104)
60°02'N, 134°58'W
1987

References: Morin et al (1980, p. 33)

Claims: BEN 1-18, 23-35, 38, 39

Source: Summary by W.P. LeBarge of assessment report 091976 by T. Garagan (Aurum Geological Consultants Ltd).

History:

In July 1977, anomalous uranium detected by Kennco Explorations Ltd during a regional stream sediment survey resulted in the staking of the BEN 1-16 claims by E&B Exploration Ltd and Welcome North Mines Ltd. An exploration program of prospecting, geological mapping, geochemical sampling and radiometric surveys followed. No anomalies were found and the original claims were allowed to lapse. A Geological Survey of Canada Regional Stream Sediment Silt Survey released in 1986 detected anomalous gold in a nearby stream and resulted in the staking of the BEN 1-18 claims in July 1986 by Archer, Cathro and Associates (1981) Ltd for All-North Resources Ltd. The BEN 23-35, 38 and 39 claims were added in June 1987.

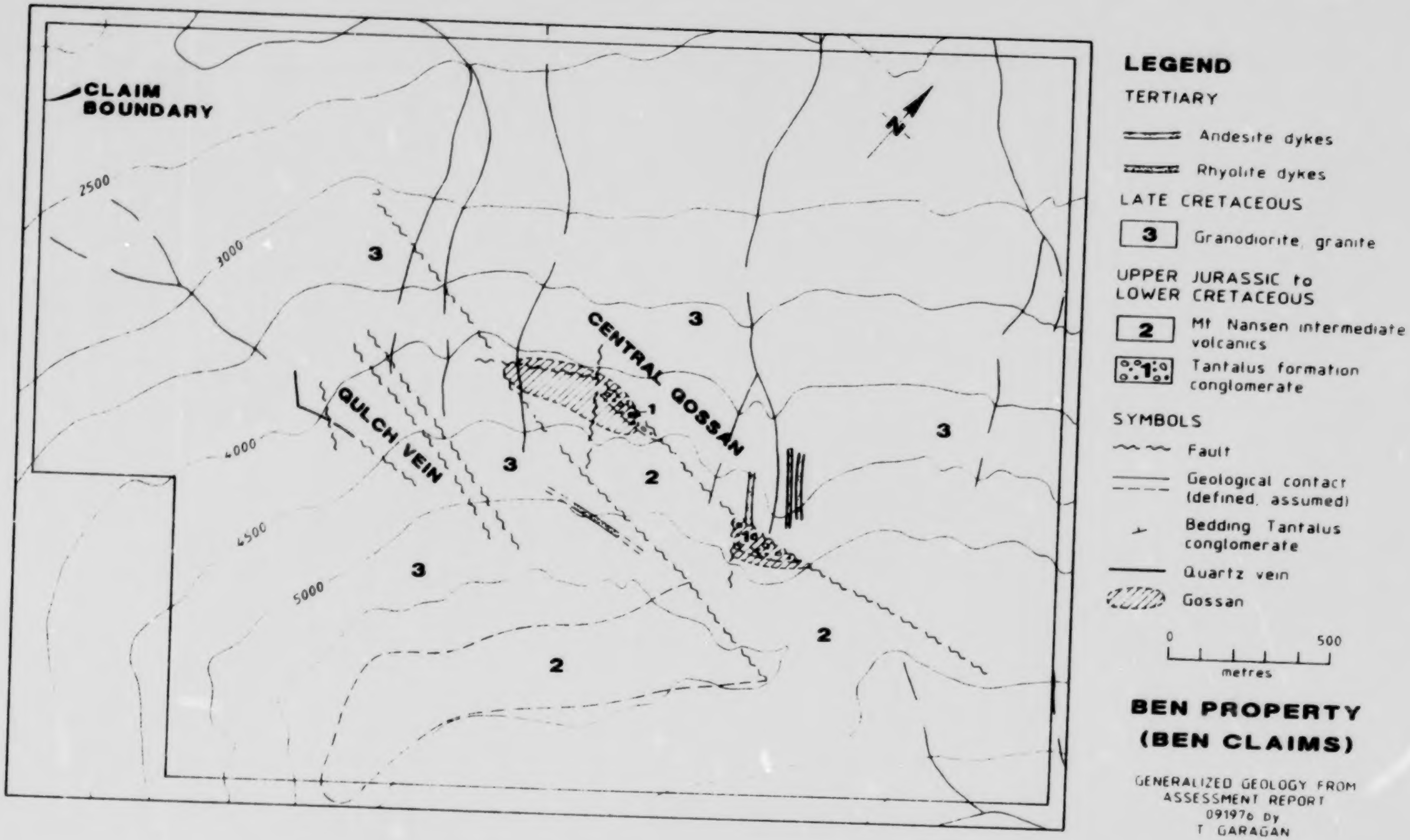
Description:

Upper Jurassic to lower Cretaceous Tantalus Formation conglomerate is overlain by Lower Cretaceous Mt. Nansen Group andesite flows, associated pyroclastics and minor felsic tuffs. Lower Cretaceous hornblende-biotite granite and K-feldspar megacrystic hornblende granite to granodiorite intrude earlier lithologies. East-trending Tertiary rhyolite dykes and northwest-trending andesite dykes crosscut the granodiorite on either side of two major east-west faults between which conglomerate and volcanic rocks are preserved. Numerous east-trending and northwest-trending faults occur on the property. Several zones of quartz veining, silicification and clay alteration occur on the property, spatially associated with east trending faults.

Current Work and Results:

The 1987 exploration consisted of prospecting, grid baseline construction, geological mapping and geochemical sampling. Geological mapping and prospecting delineated two precious metal-bearing quartz veins on the property. Intense argillic and potassic alteration accompanies the brecciated, sulphide-free granodiorite-hosted GULCH vein at the intersection of two faults. The east-trending vein varies from 1 to 3 m in width and is over 300 m long. Chip samples of the vein assayed as high as 6590 ppb Au and 78 ppm Ag over 1 m.

A gossanous zone near intersecting east and northwest-trending faults is


CLAIM BOUNDARY
N
CENTRAL GOSSAN
QULCH VEIN
2500
3000
4000
4500
5000
3
2
1
LEGEND
TERTIARY
Andesite dykes
Rhyolite dykes
LATE CRETACEOUS
3 Granodiorite, granite
UPPER JURASSIC to LOWER CRETACEOUS
2 Mt Nansen intermediate volcanics
1 Tantalus formation conglomerate
SYMBOLS
Fault
Geological contact (defined, assumed)
Bedding Tantalus conglomerate
Quartz vein
Gossan
0
500
metres

BEN PROPERTY
(BEN CLAIMS)

GENERALIZED GEOLOGY FROM
ASSESSMENT REPORT
091976 by
T GARAGAN

the site of the CENTRAL GOSSAN vein. Quartz, pyrite and clay alteration occur along the 50 m long, 0.5 m wide quartz-graphite vein which cuts granodiorite and conglomerate. Chip samples of this vein assayed as high as 55 ppb Au and over 200 ppm Ag.

In addition to the 33 rock samples collected at or near the quartz veins, 16 stream sediment and 81 soil samples were obtained during geochemical surveys. Several creeks draining east west fault zones were anomalous, with values as high as 315 ppb Au, 1.4 ppm Ag, 136 ppm Pb and 183 ppm Zn.

Eighty-one soil and talus fine samples were collected along gullies and below outcrops of quartz veins and clay-altered granodiorite. Several samples collected below the GULCH vein contained greater than 500 ppb Au, with values as high as 2800 ppb. Values of up to 8.0 ppm Ag, 184 ppm Pb, 182 ppm Zn and 106 ppm Mo were also obtained.

Talus fine samples in the central part of the claims contained values as high as 20 ppb Au, 19 ppm Ag, 3810 ppm Pb, 774 ppm Zn, 126 ppm Cu and 109 ppm Mo.

ODD
Shakwak Exploration Co. Ltd

Gold, Silver, Copper Vein
105 D 2, 3 (112)
60°12'N, 135°01'W
1986

References: INAC (1987, p. 173)

Claims: MAX 1-39; PIE IF-8F

Source: Summary by T. Bremner of assessment report 091943 by D.H. Waugh.

Description:

A gold-bearing quartz vein up to 3 m wide occurs within foliated, propylitically-altered andesite on Dickson Hill. The vein contains tetrahedrite, chalcopyrite and malachite. Previous drilling returned values up to 72.8 g/t Au and 32.9 g/t Ag over 0.6 m.

Current Work and Results:

Twenty-five bulldozer trenches were excavated to bedrock in 1986, and nine diamond holes totalling 365.2 m were drilled on three separate targets.

Trenching exposed the previously-explored quartz vein over a length of 22 m. The vein proved to be truncated by faults at either end. Surface sampling of the vein returned only low values of gold and silver. Three drillholes testing the strike and dip extensions of the vein failed to penetrate significant vein material.

Encouraging assays were obtained from a new showing 725 m northwest of the main vein. Two samples from trench B returned values of 25.5 g/t Au and 7.2 g/t Au from a 10 cm quartz vein in strongly sheared and altered metabasalt. DDH 86D-5 intersected the vein at a depth of 16.4 m but this part of the vein was not sampled.

The best drill results were obtained from DDH 86D-12 located on a third showing located 400 m north of the main vein. Quartz-calcite stringers in metabasalt contained 2% pyrite and assayed 6.2 g/t Au over 0.25 m.

NAIAD (MAJI)	**Gold, Silver, Lead Vein**
Kerr Addison Mines Ltd	**105 D 3, 4 (114)**
	60°01'N, 135°29'W
	1987

References: Wheeler (1961, p. 143); INAC (1983, p. 116)

Claims: MAJI 1-30

Source: Summary by W.P. LeBarge of assessment report 091959 by J. Pautler.

History:

In 1981 the NAIAD claims were staked by Archer, Cathro and Associates (1981) Limited on the basis of anomalous silver and lead geochemistry. Quartz vein float containing sulphides was discovered in 1982 and samples assayed as high as 569.8 g/t Ag. The claims lapsed and in 1986 the MAJI claims were staked by Kerr Addison Mines Ltd, northwest of the NAIAD claims.

Description:

The property lies along the western edge of the Bennett Lake Caldera complex. Paleozoic gneiss is intruded by Cretaceous quartz monzonite and granodiorite. The granodiorite is overlain by Eocene andesite to dacite volcanic and pyroclastic rocks. Tertiary rhyolite-quartz-feldspar porphyry ring dykes intrude Cretaceous and Tertiary plutonic and volcanic units. Quartz stringers, veins and quartz breccias occupy zones of silicification, clay and sericite alteration in the igneous rocks. Fluorite, pyrite, malachite, chalcopyrite, azurite, chalcocite and galena occur in variable amounts in some of the veins.

Current Work and Results:

In August, 1987 an exploration program of 1:25 000 scale geological mapping and geochemical sampling was conducted. Several fault-hosted quartz veins up to 1 metre wide and 10 metres long were located. Quartz-calcite breccia was observed in a north-trending north-trending fault zone separating rhyolite quartz-feldspar porphyry and granodiorite from andesite to dacite. Sixteen rock samples were collected and analysed for gold, silver, arsenic and antimony. Irregular quartz veins and stringers found in andesite talus assayed 62.05 g/t gold and 45 ppm silver. A sample of rhyolite quartz-feldspar porphyry with quartz stringers assayed 3150 ppb Au and 92 ppm Ag. Most samples anomalous in gold appeared to be related to north-trending fault zones in the centre of the property.

NAIAD	**Silver, Lead, Gold Vein**
Sirius Resource Corporation	**105 D 3 (114)**
	60°01'N, 135°25'W
	1987

References: INAC (1981, p. 167; 1987, p. 171)

Claims: BOUD 1-28

Source: Summary by T. Bremner of assessment report 092004 by A.W. Gourlay (MineQuest Exploration Associates Ltd).

Description:

The BOUD claims cover weakly altered Cretaceous quartz monzonite immediately outside the western margin of the Bennett Lake Caldera. Large quartz vein systems are associated with andesite dykes occupying ring fractures around the caldera.

Current Work and Results:

A total of 121 grab samples were collected from the property in 1987. All samples were analysed for gold and silver, and 31 selected samples for an additional 30 elements. Anomalous samples were found at three locations known as the CREEK, LES and ANGEL WING showings.

At the CREEK showing, quartz veins up to 1.2 m wide outcropping in Boudette Creek contain up to 1% pyrite, traces of galena and up to 126.2 g/t Ag.

The LES showing consists of parallel quartz veins up to 5 m wide which form a strong 160° airphoto lineament extending 1400 m across the BOUD 3, 4, 13 and 14 claims. Grab samples of iron-stained quartz containing up to 1% galena returned up to 2.3% Pb and 216.0 g/t Ag.

In the ANGEL WING area, massive chalcedony contains traces of pyrite and galena and abundant cavities up to 4 cm filled with drusy quartz crystals. The chalcedony occurs with silicified andesite and dacite along another strong 160° lineament. Specimens containing quartz crystals pseudomorphous after tabular calcite contained up to 2.9 g/t Au.

MT. SKUKUM MINE
AGIP Canada Ltd
Total Erickson Resources Ltd

Gold, Silver Vein
105 D 3 (115)
60°12'N, 135°25'W
1986-1987

References: MacDonald (1987); INAC (1987, p. 175)

Claims: KUKU 17-19, 21, 31; PUP 29F, 30F

Source: Summary by T. Bremner of assessment report 091945 by L.C. Mortimer.

Current Work and Results:

In 1986 and 1987 nine BQ holes totalling 1449 m were drilled on the CIRQUE, LAKE, BRANDY and PIKA zones. DDH 86-173 in the LAKE zone penetrated a quartz-carbonate vein and 2 m of footwall rock carrying 2.4 g/t Au over the first 5.77 m and 4.1 g/t Au over the next 7.77 m. Also in the LAKE zone, DDH 86-177 intersected a quartz-carbonate vein grading 14.6 g/t Au over 0.41 m.

EVIEW
G. Harris

Silver, Lead, Zinc Vein
105 D 6 (117)
60°27'N, 135°03'W
1986

References: INAC (1987, p. 176)

Claims: EYE 1-16

Source: Summary by W.P. LeBarge of assessment report 091717 by G.S. Davidson.

Current Work and Results:

In 1986 the exploration program consisted of grid reconstruction, geochemical and geophysical surveys, and one blast trench. Seventy-nine soil samples were collected and analysed for gold, silver, lead, zinc, copper and arsenic. Rock samples from the blast trench were similarly assayed.

A strong silver-lead-zinc soil anomaly was defined in one part of the grid, while in another area anomalous gold (480 ppb) and arsenic (120 ppm) was found in an area of gossanous soil.

A strong conductor was found to correspond with the silver-lead-zinc anomaly which probably traces the contact between limy siltstone and a pyrite-rich rhyolite porphyry. The blast trench uncovered heavily oxidized quartz and fragments of rhyolite and limy siltstone in a fractured rusty quartz matrix. Grab samples from the trench assayed as high as 4000 ppm zinc, 1600 ppm Pb, 580 ppm Cu, 41 ppm Ag, 92 ppm As and 10 ppb Au.

GLENLIVET	**Work Target**
Pacific Trans-Ocean Resources Ltd	**105 D 3 (129)**
	60°03'N, 135°17'W
	1987

References: INAC (1987, p. 177-178)

Claims: GLENLIVET 1-46

Source: Summary by W.P. LeBarge of assessment report 091979 by T. Garagan (Aurum Geological Consultants Inc.)

Current Work and Results:

The GLENLIVET claims were optioned by Pacific Trans-Ocean Resources Ltd from AGIP Canada Ltd in 1987. A program of geochemical surveying, trenching and trench mapping was subsequently carried out.

Fifty-six soil samples were collected and analysed for gold and silver. A number of samples were anomalous, with 5 samples assaying higher than 96 ppb Au and 0.6 ppm Ag. Values as high as 210 ppb Au and 3.13 ppm Ag were encountered.

Six trenches were excavated on the claims. Four of the trenches were located across the sericitized, chalcedony-veined and fractured rhyolite of the SCARLET zone. Of the 23 rock and talus samples collected from two trenches in this zone none were anomalous in gold or silver.

The brecciated, faulted, silicified rhyolite and clay gouge of the AFTER-EIGHT zone was the site of another trench. No veining was encountered and geochemical samples were not anomalous.

A 2.0 m fault zone of gypsum veining and clay alteration was the site of a sixth trench. No samples were collected from this trench.

OLLIE, ERA
Havilah Gold Ltd

Copper, Silver Vein
105 D 3 (135, 161)
$60^{o}15'$N, $135^{o}00'$W
1985

References: INAC (1987, p. 179, 203)

Claims: NEW 1-30; ERA 1-20

Source: Summary by T. Bremner of assessment report 091939 by R. Clarkson (New Era Engineering Corp.), and J. Devlin.

Current Work and Results:

Data from 1985 geochemical and geophysical surveys was reinterpreted for Havilah Gold Ltd in 1986. On the ERA claims, several gossans were found to coincide with spot magnetic highs on the west edge of the property. Magnetic anomalies define rough northwest and northeast trends which can also be interpreted from contoured soil geochemical maps. Scattered geochemical values up to 400 ppb Au appear to coincide with a well-defined magnetic low which trends northwest through the centre of the claim block. A multi-element anomaly downslope from an old adit on the northwest side of Mt. Stevens assayed 100 ppb Au, 5.7 ppm Ag, 490 ppm Pb, 400 ppm Zn, 101 ppm Cu and 10 ppm As.

BEAR (CUB)
Shakwak Exploration Co. Ltd

Work Target
105 D 6 (145)
$60^{o}16'$N, $135^{o}16'$W
1986

References: INAC (1986, p. 183)

Claims: BEAR 1-56; CUB 1-24

Source: Summary by T. Bremner of assessment report 091936 by R.C.R. Robertson.

Current Work and Results:

In 1987, 21 diamond drillholes totalling 2087.12 m were completed on the BEAR and CUB claims. The drillholes tested a variety of targets within an area of gossan and clay alteration on the north side of Vesuvius Hill, penetrating silicified and altered andesite breccia, andesite, and lapilli tuff. Drill logs for holes 86-6, 86-14 and 86-20 document abundant fractures filled with quartz, calcite and pyrite. Core from drillholes 86-6 and 86-14 shows extensive iron and silica flooding. In DDH 86-20, fracture zones are strongly clay-altered and andesite layers show weak to moderate propylitic alteration. Two 2-metre intervals within a thick zone of oxidized volcanic breccia returned highly anomalous mercury values in excess of 5000 ppb.

BEE	**Gold, Lead, Zinc Vein**
Noranda Exploration Co. Ltd	**105 D 14 (147)**
	60°47'N, 135°15'W
	1985

References: INAC (1987, p. 184)

Claims: BEE 1-63; CEE 1-26

Source: Summary by T. Bremner of assessment report 091942 by S. Mackay and W. Reid.

History:

The BEE claims were first staked in 1974. Initial work on the property consisted of prospecting and blast trenching. Whitehorse Copper Mines Ltd optioned the property in 1979, and carried out IP and soil surveys, geological mapping and trenching on the east part of the claim block before dropping the option. Silver Sabre Resources Ltd carried out soil and geophysical surveys over the main showing in 1982 and drilled two holes. In 1983, magnetometer, VLF-EM and CEM surveys on a new grid between the Whitehorse Copper grid and the main showing were followed up by bulldozer trenching. In 1984 and 1985, encouraging results from limited regional mapping and geochemistry prompted Noranda Exploration Co. to option the BEE claims. Work in 1985 consisted of geochemical, magnetometer and HLEM surveys and geological mapping, followed up by bulldozer trenching. Following this work, Noranda relinquished its option.

Description:

Sedimentary rocks of the Triassic Lewes River Group are intruded by Cretaceous granite. In the central part of the BEE claims, a plug of Tertiary? rhyolite intrudes an open anticline which folds Triassic siltstone, limestone, minor chert and tuff about an axis trending 110°. Several felsic dykes are associated with the rhyolite plug. A gold-bearing shear zone which trends 090° cuts the rhyolite plug and the north limb of the anticline.

Quartz veins within the shear zone contain pyrite, pyrrhotite, galena, sphalerite and minor chalcopyrite and arsenopyrite. The longest mineralized vein has a strike length of 60 m. Quartz stringers and silicified zones in the adjacent rhyolite also contain sulphides including pyrite, pyrrhotite and minor arsenopyrite, galena and sphalerite.

Current Work and Results:

One of four 1986 bulldozer trenches exposed the main quartz vein over a strike length of 10 m. The vein contained up to 80% galena, sphalerite, pyrrhotite, pyrite and minor chalcopyrite over a width of 40 cm. It trends 102° and dips steeply north.

Three rotary holes totalling 201.2 m were also drilled along the shear zone. The first two drillholes penetrated pyritic argillaceous limestone and silicified rhyolite. The third drillhole penetrated pyritic greywacke with a few quartz stringers.

Study of a LANDSAT image shows the rhyolite outcrop area as an irregular oval shape. The shear zone appears as a strong east-west lineament with a strike length of several kilometres.

ROB	**Work Target**
Anina Resources Inc.	**105 D 3 (155)**
	60°13'N, 135°09'W
	1986

References: INAC (1987, p. 187)

Claims: ROB 1-38, 39F-44F

Source: Summary by T. Bremner of assessment report 091948 by H.J. Keyser (Aurum Geological Consultants Inc.).

Current Work and Results:

In 1986, 254 soil samples were taken on a grid covering the east ridge of Mt. Anderson. Anomalous values up to 520 ppb Au were obtained from a zone trending northeast across the central part of the grid. Contour talus samples taken around the west ridge of Mt. Anderson returned values up to 780 ppb Au, 50 ppm Ag and 6340 ppm Pb. Anomalous silt containing up to 520 ppb Au, 27.0 ppm Ag, 1700 ppm Pb and 300 ppm Cu occurs in several creeks draining the north face of the mountain. Detailed prospecting turned up limonite- stained vuggy quartz vein float on the ridge crest west of Mt. Anderson which contained traces of pyrite and galena. Selected samples of this float returned up to 2151 g/t Au and 521.5 g/t Ag.

CHARLIE (RAIN)
(Adjoins CHARLIE property)
Northern Natural Resource
Services Ltd

Work Target
105 D 3 (156)
60°14'N, 135°12'W
1986

References: INAC (1985, p. 206)

Claims: RAIN 1-43; WIND 1-18 (including fractions)

Source: Summary by T. Bremner of assessment report 091923 by H.J. Keyser (Aurum Geological Consultants Inc.)

History:

The WIND and RAIN claims were staked in September, 1985 to cover the east edge of the Eocene Skukum Volcanic Complex north of Mt. Anderson. There is no record of previous exploration on the property.

Description:

Because the claims lie wholly within the Wheaton River valley, most of the property is covered with thick glacial and alluvial deposits. Rare bedrock exposures consist of Cretaceous granodiorite, and less commonly Eocene andesite and rhyolite dykes, plugs and pyroclastic rocks.

Current Work and Results:

Reconnaissance geochemistry in 1986 included rock and silt sampling. A total of 11 samples were analysed for gold and selected samples were also analysed for silver, lead, copper, arsenic, antimony and barium. Several pan concentrates were also assayed for gold and platinum.

CHARLIE, WAL
Skukum Ventures Inc.

Gold, Silver Vein
105 D 3, 6 (156, 173)
60°15'N, 135°12'W
1987

References: INAC (1987, p. 195)

Claims: WAL 1-81 including fractions; CHARLIE 1-16; HEAVEY METAL 1-4

Source: Summary T. Bremner of assessment report 091963 by I. Coster.

Current Work and Results:

Detailed geological mapping of selected areas in 1987 concentrated on unravelling the Eocene volcanic stratigraphy. Most of the volcanic rocks on the property were assigned to Formation 3, 4 and 5 of Pride (1986). The Formation 3 rocks consist of irregular andesite flows with propylitically altered margins. Flow-banded rhyolite and rhyolite lapilli tuff of Formation 4 is overlain by andesite to dacite volcanic breccia of Formation 5. The volcanic rocks appear to have been deposited on a mountainous Cretaceous paleosurface and are underlain by Cretaceous granodiorite and porphyritic quartz monzonite.

Northeast and northwest-trending andesite dykes 0.3 to 7.6 m wide are common throughout the property. Rhyolite dykes up to 45.7 m wide occupy radial and ring fractures on the east side of the Mt. Skukum Caldera and contain up to 2% disseminated pyrite. Narrow lamprophyre dykes are restricted to the south part of the property.

Mineralization and alteration were noted in the following settings: massive and chalcedonic quartz veins, shear zones, propylitically-altered zones, hematite alteration zones and clay-altered zones.

A total of 166 soil and silt and 102 rock samples were also collected in 1987 and the results integrated with data from previous surveys. Anomalous samples form several clusters. The East zone hosts a narrow gold-bearing quartz vein discovered in 1986. Further prospecting and sampling near the East zone failed to turn up any new showings but yielded a large number of anomalous values scattered along the Wheaton River. Shears and veinlets in narrow andesite dykes cutting granodiorite contained up to 1460 ppb Au. A strong multi-element soil anomaly on the east side of Dawson Charlie Creek was sampled in detail in 1987 with one sample returning 97 ppm As, 926 ppm Sb, 339 ppm Pb, 659 ppm Zn, 1.4 ppm Ag and 43 ppb Au.

JJ
Geovista Gold Corp.

Lead, Gold, Silver Vein
105 D 3, 4 (166)
60°09'N, 135°31'W
1987

References: INAC (1987, p. 190)

Claims: ASH 1-10; JJ 1-10

Source: Summary by T. Bremner of assessment report 091970 by R. Hulstein (Aurum Geological Consultants Inc).

Current Work and Results:

Two showings located in 1986 were re-examined in 1987 but not resampled. On the northeast side of the property, galena and pyrite occur in quartz veins which strike northwest and dip 40-50° southwest. The veins are 5-10 m long and less than 20 cm wide, and parallel strongly developed joints in granodiorite.

On the southeast side of the property a rusty quartz vein contains pods of galena and pyrite with minor chalcopyrite and traces of molybdenite. The vein is 5 m wide and strikes 040° parallel to a granodiorite-diorite contact and numerous northeast-trending andesite dykes.

No new showings were found in 1987. Two lines of reconnaissance soil samples in the northeast corner of the property returned slightly elevated arsenic values. A major fault zone in the same area marked by brown clay gouge and a swarm of subparallel andesite dykes was sampled but returned only background geochemical values.

CA
C. Ashley

Work Target
105 D 5 (169)
60°17'N, 135°40'W
1986

References: INAC (1986, p. 78)

Claims: ASH 11-20

Source: Summary by T. Bremner of assessment report 091929 by R.A. Doherty (Aurum Geological Consultants Inc.).

History:

The ASH 11-20 claims cover the same area as the former CA 1-10 claims which were also held by C. Ashley.

Description:

Roof pendants of Paleozoic? schist and gneiss in Cretaceous granodiorite are intruded by Eocene rhyolite porphyry and andesite dykes in the northeast corner of the property. Quartz veining is common in the metasedimentary rocks.

Current Work and Results:

Reconnaissance geochemistry returned maximum values of 35 ppb Au in silt and 1.8 ppm Ag in talus.

MR
Skukum Ventures Inc.

Silver, Gold Vein
105 D 3, 6 (170)
60°15'N, 135°07'W
1987

References: INAC (1987, p. 193)

Claims: RM 1-27

Source: Summary by T. Bremner of assessment report 091952 by I. Coster.

History:

The RM claims were staked in May, 1986. They are adjacent to the MR group which covers gold and silver bearing quartz-carbonate veins outcropping along Dail Creek.

Description:

Cretaceous granodiorite is cut by occasional andesite, rhyolite and lamprophyre dykes.

Current Work and Results:

In 1987, 194 soil and talus fine samples were taken on a narrow grid which covers the break in slope on the north side of the Wheaton River valley. Twenty-five samples returned gold values in excess of 50 ppb. Most of the anomalous samples consisted of fine talus. At the east end of the grid, samples downslope from a rhyolite dyke returned up to 840 ppb Au.

WAL (HAVI)
(Adjoining WAL claims)
Skukum Ventures Inc.

Work Target
105 D 6 (173)
60°17'N, 135°13'W
1986

References: INAC (1987, p. 204)

Claims: HAVI 1-36

Source: Summary by T. Bremner of assessment report 091951 by H.J. Keyser (Aurum Geological Consultants Inc.)

History:

The HAVI claims were staked for Walhala Exploration Ltd in 1985 and were subsequently optioned by Skukum Ventures. There is no evidence that the property had been previously staked.

Description:

Cretaceous granodiorite is intruded by parallel swarms of northeast-trending andesite and rhyolite dykes of Eocene age. Small felsic intrusions and possible flows and pyroclastic rocks have also been mapped over a wide area. The claims occupy the downthrown side of a normal fault which preserved the volcanic rocks from erosion. Breccia occurs along the base of the fault scarp on the southwest part of the property.

Current Work and Results:

Reconnaissance silt and soil sampling in 1986 returned values ranging up to 132 ppm Pb, 5.4 ppm Ag and 80 ppm Au. Rock samples ranged up to 5900 ppm Pb, 86.9 ppm Ag, 40 ppb Au, 28 ppm As, 100 ppb Hg and 150 ppm Sb.

In 1987 the property was covered by a soil grid and silt samples were taken from streams within the claim boundaries. Fifty-one silt and 1113 soil samples were analysed for gold, silver, lead, zinc, arsenic and antimony. The geochemical results defined two linear multi-element anomalies trending 035° and 110° which are interpreted as possible fault zones. Anomalous values ranged up to 862 ppm Pb, 6.4 ppm Ag and 979 ppm Zn. Anomalous gold values up to 490 ppb are mostly concentrated along the 110° trend.

RABBITFOOT, GRAFTER, KODIAK CUB, ANACONDA
Whitehorse Copper Mines Ltd

Copper, Molybdenum, Gold
Skarn
105 D 11,14 (190,201,216,226)
60°40'N, 135°05'W
1987

References: Watson (1984); INAC (1987, p. 197)

Claims: BONZO Fr., BORNITE 1, GEM 2

Source: Summary by W.P. LeBarge from assessment report 091718 by R. Stroshein.

Current Work and Results:

Between June 15 and 26, 1987 three diamond drill holes were completed totalling 858 feet. The purpose was to test the gold potential of the KODIAK CUB and GRAFTER occurrences as well as an airborne EM anomaly near Rabbit's Foot Canyon. At the KODIAK CUB deposit, massive-magnetite-serpentine-bornite skarn was intersected which assayed 2.9% Cu, 4.46 g/t Au and 21.3 g/t Ag over 4.63 m. At the GRAFTER deposit, massive magnetite-diopside-garnet skarn was intersected over 3.96 m assaying trace values of copper. Near Rabbit's Foot Canyon, a 2.74 m calcareous and carbonaceous clay zone was intersected.

COWLEY PARK	**Copper, Molybdenum, Gold,**
Hudson Bay Mining and	**Silver Skarn**
Smelting Co. Ltd	**105 D 11 (213)**
	60°34'N, 135°53'W
	1986

References: Watson (1984)

Claims: ACE 1

Source: Summary of T. Bremner of assessment report 091937 by G. Bidwell.

Current Work and Results:

In 1986, a major north-trending magnetic anomaly in the Cowley Park area was tested by a single 140.2 m diamond drillhole. The drillhole encountered massive Cretaceous granodiorite beneath 93.9 m of overburden. A 21.8 m thick flow of Quaternary Miles Canyon basalt within the overburden at 49.0 m proved to be the cause of the anomaly.

COWLEY PARK (LINDA)	**Work Target**
Adjoins COWLEY PARK property	**105 D 10 (213)**
Alice Lake Mines Ltd	**60°35'N, 134°54'W**
	1968

References: No previous reference

Claims: LINDA 1-4

Source: Summary by T. Bremner of assessment report 091729 by J. Lloyd.

Description:

The claims straddle the buried contact between Cretaceous granodiorite and sedimentary rocks of the Triassic Lewes River Group at the south end of the Whitehorse Copper Belt.

Current Work and Results:

In 1968 a magnetometer survey was conducted to accurately locate the contact and an IP survey was carried out to identify possible sulphide-bearing skarn deposits. No major IP anomalies were detected.

AUL
Eaglet Mines Ltd
Sirius Resource Corp.

Work Target
105 D 3 (218)
60°01'N, 135°21'W
1987

References: INAC (1987, p. 196-197)

Claims: AUL 1-24

Source: Summary by T. Bremner of assessment report 091962 by A.W. Gourlay (MineQuest Exploration Associates Ltd).

Current Work and Results:

Prospecting, geological mapping and rock chip sampling were carried out in 1987. Mapping delineated a massive conglomerate unit unconformably overlain by a volcanic sequence of andesitic crystal tuff, rhyolite lithic tuff, welded tuff and spherulitic rhyolite. The volcanic sequence lies within the Bennett Lake Caldera of Eocene age. Normal faults cutting the volcanic sequence host irregular quartz veins up to a metre wide and several metres long. Float samples collected beneath cliff exposures of the veins contained irregular patches of silver-bearing galena up to 7 mm across, and minor chalcopyrite, malachite and azurite. Several rock samples returned values between 75.4 and 338.7 g/t Ag.

RED RIDGE, INCO
Havilah Gold Mines Ltd

Gold, Silver Vein
105 D 6 (224, 78)
60°21-22'N, 135°07-10'W
1985, 1986, 1987

References: Craig and Milner (1975, p. 44)

Claims: FOUR F 1-64, 67-109; PCG 1-12

Source: Summary by T. Bremner of assessment reports 091738 and 091928 by H.J. Keyser (Aurum Geological Consultants Inc.), and 092128 by T. Garagan (Aurum Geological Consultants Inc.)

History:

The eastern part of the RED RIDGE property covers the INCO porphyry copper occurrence first staked by Phelps Dodge Corporation as the WAT, SON and RIV claims in 1970. Inco Ltd further explored the property in the 1970's. The present property was staked for Havilah Gold Mines Ltd in 1985.

Description:

The RED RIDGE property covers the hornfelsed contact between a Cretaceous granodiorite intrusion and argillite, limestone chert and sandstone of the Jurassic Laberge Group. The hornfelsed rocks are rusty and form a large gossan along the central part of Red Ridge. Andesitic flows, breccia and tuff of early Mesozoic age outcrop in the west and northeast parts of the property. All of the Mesozoic rocks are cut by rhyolite, andesite and fine-grained granitic dykes of probable Eocene age which trend northeast.

Skarn, propylitization and silicification are common near intrusive contacts. Silver and gold occur in clay-quartz-carbonate shear zones containing galena, pyrite and tetrahedrite in the eastern part of the property. Pyrite, chalcopyrite, bornite and malachite occur in veins and along fractures in weakly altered granodiorite near the southeast corner of the claim block.

Current Work and Results:

Exploration in 1985 consisted of reconnaissance prospecting, mapping and geochemistry. Sulphide-bearing quartz rubble containing up to 147.1 g/t Ag was found in an area of felsenmeer designated the EAST zone. Mapping showed the EAST zone consists of a series of mineralized shears associated with gossanous soil anomalous in gold, silver, copper, lead, zinc, arsenic, antimony and mercury.

In 1986, hand trenching of the EAST zone located three subparallel shear zones associated with bleached, silicified andesitic dykes cutting propylitic and sericite-altered granodiorite. The main shear zone was exposed in trench 5A where galena found in the rubble assayed 6202.1 g/t Ag, 0.58 g/t Au and 57.5% Pb. Disseminated galena and tetrahedrite were found in clay gouge, crushed quartz vein material and altered granodiorite. A chip sample across the main shear zone averaged 228.7 g/t Ag over a true width of 3.0 m including 0.7 m of 451.9 g/t Ag.

Reconnaissance soil sampling in the central part of the property returned values of up to 2700 ppb Au. The most anomalous results came from the SADDLE zone, a covered area on trend with a swarm of fine-grained northeast-trending dykes which lies 1500 m west of the EAST zone showing.

In 1987, additional soil sampling on the EAST zone outlined two broad north-trending silver-lead anomalies similar in size and strength to the main EAST zone anomaly. On the SADDLE zone, a detailed grid was established and seven hand trenches were excavated. Soil samples from the SADDLE zone grid returned up to 7700 ppb Au and >50 ppm Ag. The excavations showed that the SADDLE zone is a zone of fracturing, clay alteration, silicification and quartz veining at least 30 m long and 0.5 to 5 m wide. Grab samples from the SADDLE zone contained up to 38.4 g/t Au and 377.1 g/t Ag. A chip sample from one of the trenches returned 4.1 g/t Au and 63.1 g/t Ag over 1.0 m. Anomalous soil and talus fine samples suggest that the SADDLE zone may extend up to 150 m along strike to the south.

Two other areas of quartz veining were discovered. Two hundred metres west of the SADDLE zone, silicified, carbonate-altered granodiorite is cut by a vertical quartz stockwork trending 095°. The soil is oxidized next to the outcrop and contains up to 2400 ppb Au, >50 ppm Ag and >10 000 ppm Ag. A grab sample contained 1100 ppb Au and 141.3 g/t Ag. Four hundred and fifty metres west of the SADDLE zone the east-trending SHEEP vein is up to 1 m wide and can be traced in outcrop and float for about 100 m. It contains traces of galena and chalcopyrite. Soil near the vein contains up to 1200 ppb Au.

The INCO copper showing was also examined in 1987. Several rock and talus-fine samples were taken. Grab samples from chalcopyrite-bearing veins in the porphyry contained up to 220 ppb Au and 11 ppm Ag.

SAID	**Gold Vein**
Pacific Trans-Ocean Resources Ltd	**105 D 3, 6 (228)**
	60°16'N, 135°27'W
	1987

References: INAC (1987, p. 198-199)

Claims: SAID 1-35, 1-4 Fr

Source: Summary by W.P. LeBarge of assessment report 091971 by T. Garagan (Aurum Geological Consultants Ltd).

Current Work and Results:

In 1987 Pacific Trans-Ocean Resources Ltd optioned the SAID claims and carried out a program of geological mapping, geochemical sampling, geophysics, road building, trenching and drill site preparation.

Four zones of quartz veining and quartz-cemented breccia with associated clay and quartz-pyrite alteration occur on the property. Four trenches and two drill pads were located along the far SW zone, a 475 m long, 10 m wide zone of quartz veining, brecciation, fault gouge and clay alteration. Outcrop samples returned values up to 19.8 g/t Au and 24.3 g/t Ag. Trenches exposed intensely clay-altered, silicified and fractured volcanics cut by numerous quartz veins and stockworks, with individual veins up to 2.4 m wide. Chip samples from trenches returnedsmall values of up to 4.8 g/t Au and 7.2 g/t Ag over 1 m. A grab sample from one trench assayed 9.9 g/t Au and 15.1 g/t Ag.

EARL
Pacific Trans-Ocean
Resources Ltd

Gold, Silver Vein
105 D 3, 4 (229)
60°11'N, 135°30'W
1987

References: INAC (1986, p. 71; 1987, p. 199)

Claims: EARL 1-32

Source: Summary by T. Bremner of assessment report 092084 by T. Garagan (Aurum Geological Consultants Inc.)

Current Work and Results:

In 1987 the TWIST zone grid was extended and sampled and two small trenches were blasted on the south side of the zone. The geochemical survey outlined a gold-silver soil anomaly 600 m long and 30-90 m wide associated with northwest-trending rhyolite dykes and a train of quartz boulders. Individual soil values ranged up to 524 ppb Au and 176 ppm Ag. The trenches exposed narrow quartz veinlets cutting quartzite, schist and phyllite. A two-metre chip sample across the veins exposed in trench #1 returned 184 ppb Au, compared to 600 ppb Au in the overlying soil.

Northeast of the TWIST zone, reconnaissance talus fine samples contained up to 726 ppb Au, 8.0 ppm Ag, 129 ppm Pb and 1650 ppm As. In the same area a 0.4 m chip sample from a quartz vein containing pyrite, galena and arsenopyrite returned 400 ppb Au. Northwest of the TWIST zone, four anomalous soil samples contained between 120 and 860 ppb Au. Anomalous samples were also taken between the TWIST zone and the CHARLESTON vein which outcrops 25 m south of and may extend onto the EARL property.

CISCO
Ashworth Explorations Ltd

Work Target
105 D 3 (232)
60°03'N, 135°12'W
1986

References: INAC (1987, p. 204)

Claims: CISCO 1-18

Source: Summary by T. Bremner of assessment report 091930 by H. Copland.

History:

The CISCO claims were first staked in 1986 adjacent to the PART property where gold, silver and lead occur in quartz veins cutting Eocene Volcanic rocks.

Description:

Cretaceous quartz monzonite underlying most of the property is intruded by rhyolite and andesite dykes up to several metres wide.

Current Work and Results:

Reconnaissance silt and soil samples failed to yield any anomalous results. Prospecting turned up several pieces of anomalous float including quartz breccia containing 1-2% disseminated pyrite, minor galena, 4.2 ppm Ag and 95 ppb Au.

FOX, BARR
Skukum Ventures Inc.

Work Target
105 D 3 (234, 271)
60°14'N, 135°05'W
1987

References: INAC (1987, p. 207)

Claims: BARR 1-16, 39-60

Source: Summary by T. Bremner and W.P. LeBarge of assessment reports 092087 and 091720 by I. Coster.

Description:

The BARR claims are underlain by Cretaceous granodiorite intruded by rhyolite to andesite stocks and dykes of Eocene age.

Current Work and Results:

The 1987 program consisted of contour soil sampling and stream sediment sampling. One hundred and fifty contour soil samples were collected across the northwest slope of Tally-Ho Mountain on the BARR 1-16 claims. Five of these were weakly anomalous in gold, one was weakly anomalous in silver and one had a slightly elevated copper content. The highest values obtained were 69 ppb Au, 1.3 ppm Ag and 218 ppm Cu.

On the BARR 39-60 claims, 63 soil samples and 70 silt samples were collected and analysed for gold, silver, arsenic, antimony, lead and zinc. One sample returned a weakly anomalous value of 205 ppb Au while three samples were slightly anomalous in zinc.

STEN	**Work Target**
Skukum Ventures Inc.	**105 D 3 (237)**
	60°11'N, 135°19'W
	1987

References: INAC (1987, p. 207)

Claims: STEN 2, 5-7, 9-10, 14-17, 19-20

Source: Summary by W.P. LeBarge of assessment report 091732 by I. Coster (Skukum Ventures Inc.).

History:

The STEN claims were staked in 1985. No previous work is known.

Description:

The claims are underlain by Cretaceous granodiorite of the Coast Plutonic Belt, which is generally massive and blocky weathered. West-trending Tertiary dykes of andesitic to rhyolitic composition have intruded the granodiorite.

Mineralization is hosted in granodiorite and is associated with shear zones and rhyolite dykes. Disseminated to massive pyrite and magnetite pods occur near lenses of quartz-sericite melange.

Current Work and Results:

The 1987 program consisted of the collection of 98 talus fine soil samples and 17 selected rock samples. All samples were analysed for gold, silver, lead, zinc, arsenic and antimony. Of the rock samples, only one was weakly anomalous in gold. Several anomalous zones were defined by the talus fines, with moderate values of gold, silver, zinc and arsenic. The highest gold value was 830 ppb in soil.

SON	**Work Target**
All-North Resources Ltd	**105 D 4 (245)**
	60°11'N, 135°35'W
	1987

References: INAC (1987, p. 208)

Claims: SON 1-10

Source: Summary by W.P. LeBarge of assessment report 091974 by T. Garagan (Aurum Geological Consultants Inc.).

History:

The SON claims were staked in July 1986 to cover a multi-element geochemical anomaly revealed by a Geological Survey of Canada Regional Silt Geochemical Survey.

Description:

Biotite granodiorite of the Cretaceous Coast Plutonic Complex intrudes Paleozoic? garnet-quartz-biotite schist, phyllite, micaceous quartzite, feldspar-chlorite schist and marble. Metasedimentary rocks are hornfelsed near intrusive contacts and structurally oriented towards the northwest. Several discontinuous bull quartz and fine-grained sugary quartz veins up to 2 m wide occur in northwest-trending zones parallel to the foliation within the metamorphic rocks.

Current Work and Results:

A silt sample collected during a regional geochemical survey by the Geological Survey of Canada contained 46 ppb Au, 35 ppm As, 54 ppm Co, 230 ppm Cu and 630 ppm Zn. In 1987 All-North Resources collected 5 stream sediment, 85 soil and 10 rock samples for 33 element analysis. The best stream sediment sample contained 46 ppb Au, 100 ppm As, 11.5 ppm Cd, 117 ppm Co, 115 ppm Cr, 437 ppm Cu, 457 ppm Ni and 1015 ppm Zn. Several soil samples were anomalous in a number of metals, including one zone on the east side of the property which returned values as high as 34 ppb Au, 8 ppm Ag, 195 ppm As, 4670 ppm Ba, 121 ppm Cr, 323 ppm Cu, 192 ppm Ni, 100 ppm Pb and 861 ppm Zn. Soil samples collected in the central part of the claim group contained up to 424 ppb Au. Several quartz veins were sampled and analyzed for 33 elements but only background levels of all elements were encountered.

BTT	**Work Target**
Doron Exploration Inc.	**105 D 3 (246)**
	60°00'N, 135°20'W
	1986

References: INAC (1987, p. 208)

Claims: BTT 1-10

Source: Summary by W.P. LeBarge from assessment report 091728 by J.E. Wallis and B.A. Lueck (Doron Exploration Inc.).

History:

The property was staked in 1986 over a large magnetic anomaly which adjoins a gold and silver prospect in the B.C. part of the Bennett Lake Caldera Complex.

Description:

The claims are underlain by Eocene Skukum Group felsic ash flow tuff and lapilli tuff. Small zones of bleaching, pyrite alteration and silicification occur in cracked and broken tuff.

Current Work and Results:

The 1986 program consisted of reconnaissance geology and geochemistry to evaluate mineralized alteration zones within the Bennett Lake Caldera Complex. Fifty-two rock samples, 30 soil or talus fines and 4 stream sediment fines were collected. Samples were analysed for 32 elements. No significant anomalies were detected in samples from the Yukon claims.

BRUTE
Omni Resources Inc.

Work Target
105 D 2 (272)
60°06'N, 134°44'W
1987

References: Roots (1981, p. 116-121); INAC (1986, p. 74; 1987, p. 172)

Claims: AFI 37-126

Source: Summary by W.P. LeBarge of assessment report 091961 by H.F. MacKinnon.

History:

The AFI 47-126 claims were staked by Omni Resources Inc. in 1984, and in 1987 the AFI 37-44 claims were restaked by Omni Resources Inc. In 1985 a program of prospecting, geological mapping, geochemical sampling and airphoto interpretation was undertaken, and several areas of anomalous geochemical values were delineated.

Description:

Triassic Lewes River Group andesite, basalt, pyroclastic rocks, limestone and limestone breccia occur on the west side of the property and are overlain to the east by steep east-dipping argillite and conglomerate of the Jurassic Laberge Group. Mesozoic strata are intruded by north to northwest trending rhyolitic and porphyritic andesite dykes of possible Cretaceous age. Early Tertiary granodiorite, quartz monzonite and granite of the Coast Plutonic Complex intrude older strata.

Altered sedimentary rocks and sediment-hosted quartz and/or carbonate breccias and veins contain pyrite, malachite and chalcocite in variable amounts, with weak to moderate chloritization, hematization and sericitization in adjacent wallrock.

Sheared and altered granodiorite is host to gossanous vuggy quartz veins and a chalcedonic quartz hematite breccia. Alteration halos 1 to 2.5 m wide contain chlorite, hematite, limonite, sericite and clay.

Clay, iron carbonate and limonite alteration occur along the contact between Laberge Group sediments and Cretaceous granodiorite.

Current Work and Results:

The 1987 exploration program consisted of 1:10 000 scale geological mapping, prospecting, geochemical sampling and geophysical surveying.

Geological mapping defined several altered shears and quartz veins in quartz monzonites, which assayed up to 970 ppb gold and 22.1 ppm silver. Several chalcedonic quartz and/or carbonate breccias were also delineated, with geochemical values of up to 56 ppb Au, 3280 ppm As and 36 ppm Sb.

Of the 32 rock samples analysed six were anomalous in gold, with values as high as 970 ppb gold. Only one of the 22 stream sediment samples was considered anomalous with a value of 275 ppb gold.

The limited VLF survey which was conducted on the property was successful in delineating several poorly conductive shears or faults which roughly correspond with airphoto lineaments.

13. COLLEGE GREEN

R. Toohey
105 D 2
60°09'N, 134°50'W

Claims: LAKE 1-6

13. COLLEGE GREEN

Omni Resources Ltd
105 D 2
60°06'N, 134°44'W

Claims: AFI 37-44

15. LATREILLE

E. Bergvinson
105 D 3
60°01'N, 135°08'W

Claims: PIM 1-109

28,155. MT. ANDERSON, ROB

Skukum Ventures Inc
105 D 3
60°13'N, 135°06'-13'W

Claims: BARR 1-16, 117-138;
ROAD 108;
BANK 1-3;
BRIDGΓ 1-8;
RIDGE 16-23

45. CUTOFF

E. Kreft, B. Kreft
105 D 14
60°56'N, 135°12.5'W

Claims: KID 1-2

50. TREMAR

T. Kopp
105 D 11
60°44'N, 135°13'W

Claims: H20 1-8

62. M'CLINTOCK

C. Stack
105 D 9
60°35'N, 134°25'W

Claims: PPM 1-6

63. MARSH

Dunvegan V.G. Syndicate
105 D 8
60°22'N, 134°12'W

Claims: BUG 17-24

65. MICHIE

J. Jobin, L. Brault
105 D 9
60°37'N, 134°10'W

Claims: FOX 1-48

71. HARNIAK

S. Poole
105 D 11
60°37'N, 135°30'W

Claims: SAL 1-4

79. SUITS (KING LAKE)

O. Davis
105 D 14
60°48’N, 135°28’W

Claims: TOP 1-16

87. MIDGETT

O. Davis
105 D 14
60°49’N, 135°25’W

Claims: CROSS 1-6

91. PART

R. Bilquist
105 D 3
60°01’N, 135°25’W

Claims: BOUD 31-38

97. ART

L. Barrett
105 D 2
60°04’N, 134°41’W

Claims: RAT 1-12

104. BEN

J. O’Rourke
105 D 2
60°02.5’N, 134°57’W

Claims: BEN 23-29

109. DUNK

Omni Resources Inc.
105 D 2
60°01.5’N, 135°49’W

Claims: NORM 1-16,
RR 1-16

115. MT. SKUKUM MINE

AGIP Canada Ltd;
Total Erickson Resources Ltd
105 D 13
60°12’N, 135°25’W

Claims: CHU 1 FR

118. TIKA

Noranda Exploration Co. Ltd
105 D 7
60°18’N, 134°52’W

Claims: GILL 1-32

122. ALBATROS

G. Clark
105 D 6
60°17’N, 135°10’W

Claims: JILL 1-18

124. FLAT

E. Kreft
105 D 14, 105 E 3
61°00’N, 135°28’W

Claims: PILOT 1-2

135. OLLIE

J. Magrath
105 D 6, 7
60°17’N, 135°00’W

Claims: MAG 1-10;
RATH 1-10;
DRJ 1-10

138. M&M

J. O’Neill
105 D 2
60°02.5’N, 134°36’W

Claims: RAINDROP 1-2

150. CON

J. O'Neill
105 D 2
60°03'N, 134°35.5'W

Claims: SANDPIPER 1-2

152. MATT

E. Bergvinson
105 D 3
60°01'N, 135°23'W

Claims: HAL 1-42

155. ROB

M. Barker
105 D 3
60°13'N, 135°09'W

Claims: ROB 47-54 FR

167. FACE

M. Glynn, D. Sufady, R. Ques
M. Ainsworth, R. Toohey
105 D 4
60°15'N, 135°37'W

Claims: MAG 1-205

170. MR

M. Vanwermerskerken
105 D 3, 6
60°15'N, 135°07'W

Claims: RM 28-31

171. FANIN

G. Gardner, T. Mrozinski
105 D 6
60°16'N, 135°02-3'W

Claims: PAYNE 11-16, TONY 1-

172. STONE

Berglyn Resources Inc
105 D 3
60°15'N, 135°20'W

Claims: STONE 71-83

228. SAID

Pacific Trans-Ocean Resources Inc.
105 D 4
60°17'N, 135°22'W

Claims: WAT 1-108

232. CISCO

E. Bergvinson
105 D 3
60°03'N, 135°15'W

Claims: WOO 1-106

235. FREEDOM

G. Reese, E. Tritscher,
S. Beckett
105 D 14
60°53'N, 135°10'W

Claims: ELSA 1, RE NANNY,
REDRILL

241. DOUG

S. McKeown
105 D 2
60°04'N, 134°33.5'W

Claims: SMART ASS

245. SON

T. Mrozinski, D. Sufady, R. Quesnel,
R. Toohey, M. Glynn
105 D 6
60°10'N, 135°34'W

Claims: DAY 1-99

246. BTT

Doron Exploration Co. Ltd
105 D 3
60°02.5′N, 135°15′W

Claims: BTT 1-10

250. SOONER

T. Mrozinski, M. Ainworth,
R. Quesnel
105 D 6
60°22′N, 135°28′W

Claims: NOOS 1-48

254. CRANBERRY

J. Jones
105 D 14
60°52′N, 135°12′W

Claims: CRANBERRY

254. CRANBERRY

E. Kreft, B. Kreft
105 D 14
60°52′N, 135°13′W

Claims: DIO 1-2

256. JA

J. Smith
105 D 16
60°56′N, 134°12.5′W

Claims: BALT 1-11

259. RIGEL

Archer, Cathro and Associates
(1981) Ltd
105 D 2
60°00′N, 134°30′W

Claims: RIGEL 1-10

260. BOB

E. Bergvinson
105 D 3
60°04′N, 135°21′W

Claims: BOB 1-92, KURT 1-52

261. ETTE

E. Bergvinson
105 D 3
60°03′N, 135°28′W

Claims: ETTE

262. SIN

D. Sufady, R. Quesnel,
M. Ainsworth, M. Glynn
105 D 3
60°05′N, 135°24′W

Claims: SIN 1-139

263. BERG

R. Quesnel, D. Sufady,
R. Toohey, T. Mrozinski
105 D 3
60°08′N, 135°14′W

Claims: BERG 1-162

264. WHE

T. Mrozinski, M. Ainsworth, R. Toohey,
G. McLean, D. Sufady
105 D 3, 4
60°04′N, 135°34′W

Claims: WHE 1-286, 287FR-302FR

265. WORB

J.P. Ross
105 D 5
60°20′N, 135°45′W

Claims: WORB 1-8

266. NET

R. Toohey, M. Ainsworth,
D. Sufady, T. Mrozinski
105 D 6
60°18'N, 135°14'W

Claims: NET 1-78

267. GE

J. Hogan
105 D 11
60°41'N, 135°03'W

Claims: GE 1-4

268. VIN

M. Ainsworth, R. Quesnel,
D. Sufady, T. Mrozinski
105 D 6
60°18'N, 135°20'W

Claims: VIN 1-115

269. BRONCO

N. Horiuchi
105 D 8
60°28'N, 134°12'W

Claims: BRONCO 1-10

270. PHIL

Dunvegan V.G. Syndicate
105 D 8
60°23'N, 134°03'W

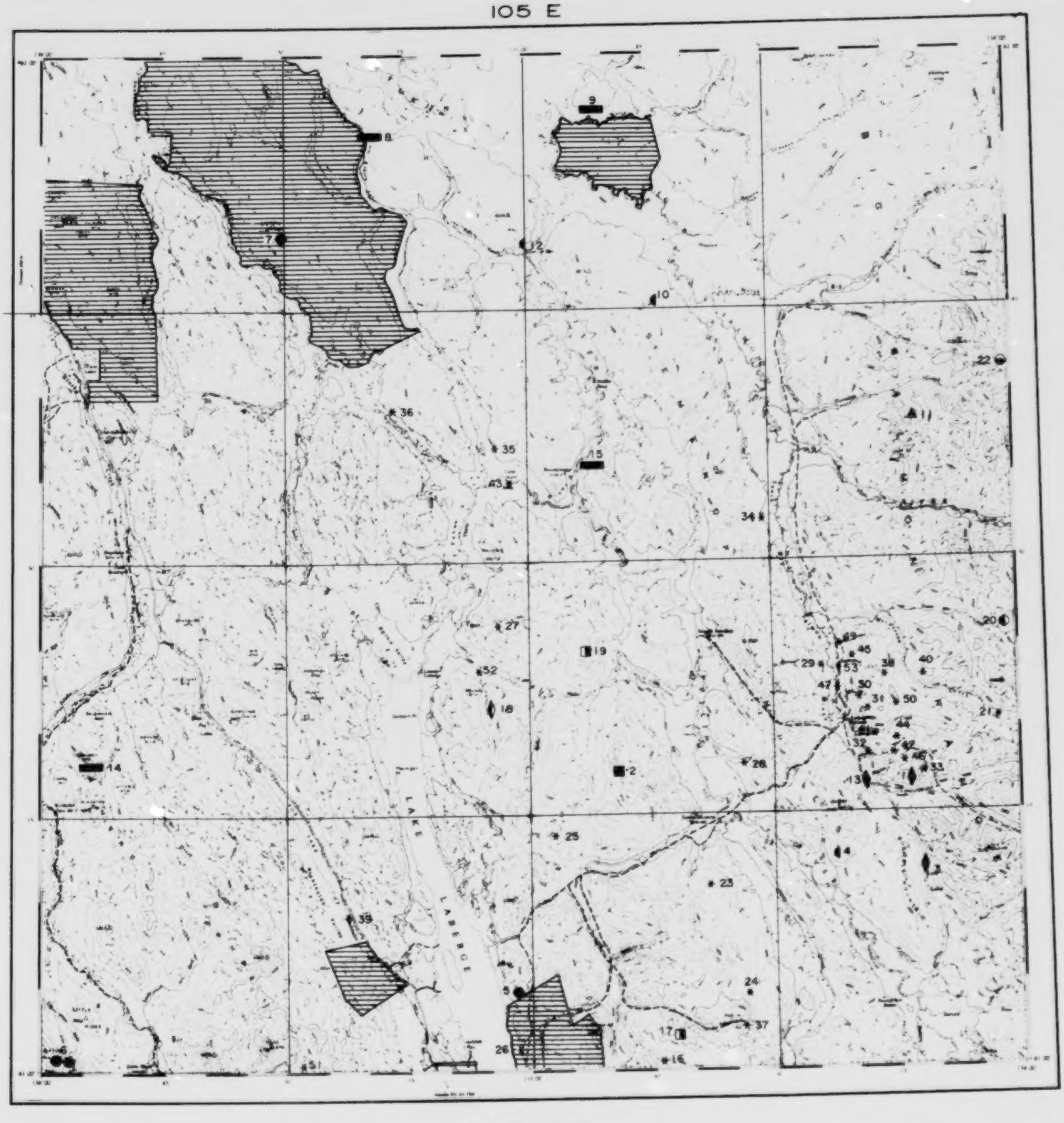
Claims: PHIL 1-12

273. BM

S.D. MacDonald
105 D 16
60°57'N, 134°21'W

Claims: BM 5-6

105 E



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LABERGE
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LABERGE

YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

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Kilometres

- - - - - - Tote Trail.
——— Driveable Road.
▬ A Airstrip.

LABERGE MAP-AREA (NTS 105 E)

General Reference: GSC Open File 1101 by D.J. Tempelman-Kluit, 1984.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	FLOAT	Vein Au Ag Cu Pb	105 E 8	7	INAC (1985, p. 168)
2	TUV	Porphyry Cu Mo	105 E 7	7	
3	LOON	Vein Au Ag Cu	105 E 1	6	INAC (1987, p. 212)
4	BEE	Occurrence Cu	105 E 1	7	
5	LABERGE	Skarn Cu Fe	105 E 3	7	Findlay (1969a, p. 55-56)
6	TAKHINI	Skarn Cu	105 E 4	7	
7	PACKERS (BAND)	Skarn Cu Fe	105 E 13	7	Sinclair et al (1976, p. 112-113)
8	CLAIR	Coal	105 E 14	7	Bostock & Lees (1938, p. 16)
9	WALSH	Coal	105 E 15	7	Bostock & Lees (1938, p. 16)
10	SEMENOF	Occurrence Au Cu	105 E 15	7	This Report
11	ILLUSION	Asbestos	105 E 9	7	INAC, Mines and Minerals Activities (1971, p. 19)
12	CASSIAR BAR	Unclassified Cu Ag	105 E 15, 14	7	
13	SYLVIA	Vein Pb Zn Au Ag Cu	105 E 8	7	
14	CORDUROY	Coal	105 E 5	7	
15	HOOTALINQUA	Coal	105 E 10	7	
16	HIG	Work Target	105 E 2	7	INAC (1981, p. 170)
17	LORI	Porphyry Mo Cu	105 E 2	7	Sinclair et al (1976, p. 110)
18	MUSTARD (GEM)	Vein Au	105 E 6	7	Sinclair et al (1976, p. 111)
19	BACON (BOND)	Porphyry Mo Cu	105 E 7	7	Sinclair et al (1976, p. 111)
20	HAL	Skarn W	105 E 8	7	INAC (1981, p. 170)
21	YETI	Work Target	105 E 8	9	INAC (1981, p. 170)
22	FOG MOUNTAIN	Skarn Zn Pb	105 E 9	7	INAC (1982, p. 121)
23	CROST	Work Target	105 E 2	9	INAC (1982, p. 121)
24	SLINE	Work Target	105 E 2	9	INAC (1982, p. 121)
25	AURIER	Work Target	105 E 2	9	INAC (1982, p. 121)
26	AKEL	Work Target	105 E 3	9	INAC (1982, p. 121)
27	OVOAS	Work Target	105 E 6	9	INAC (1982, p. 121)
28	ENOF	Work Target	105 E 7	9	INAC (1982, p. 122)
29	GERM	Work Target	105 E 8	9	INAC (1982, p. 122)
30	REN	Work Target	105 E 8	9	INAC (1982, p. 122)
31	MC	Work Target	105 E 8	9	INAC (1982, p. 122)
32	MARBEE	Work Target	105 E 8	9	INAC (1982, p. 122); INAC (1986. p. 84)
33	MAYBE	Work Target	105 E 8	9	INAC (1983, p. 121); INAC (1986, p. 84)
34	SBS	Work Target	105 E 10	9	INAC (1982, p. 122)
35	HOOT	Work Target	105 E 11	9	INAC (1982, p. 122)
36	RANKL	Work Target	105 E 11	9	INAC (1982, p. 122)
37	TES	Work Target	105 E 2	9	INAC (1983, p. 121)
38	RIM (OWL)	Work Target	105 E 8	9	INAC (1983, p. 121); INAC (1986, p. 84)
39	JOHN	Work Target	105 E 3	9	INAC (1986, p. 84)
40	GORD	Work Target	105 E 8	9	INAC (1986, p. 84)
41	BUMS	Work Target	105 E 8	9	INAC (1986, p. 84)
42	ERN	Work Target	105 E 8	9	INAC (1986, p. 84)
43	MIDAS	Work Target	105 E 11	9	INAC (1987, p. 213)
44	MAC	Work Target	105 E 8	9	INAC (1987, p. 213)
45	COLT	Work Target	105 E 8	9	INAC (1987, p. 213)
46	DEET	Work Target	105 E 8	9	INAC (1987, p. 213)
47	PHOENIX	Work Target	105 E 8	9	INAC (1987, p. 213)
49	GMC	Work Target	105 E 8	9	INAC (1987, p. 213)
50	AH	Work Target	105 E 8	9	INAC (1987, p. 213)
51	PILOT	Work Target	105 E 3, D 14	9	This Report
52	JOAN	Work Target	105 E 6	9	This Report
53	CASEY	Work Target	105 E 8	9	This Report

SEMENOF
Noranda Exploration Co. Ltd

Copper, Gold Occurrence
105 E 14, 15 (10)
61°45'N, 134°45'W
1987

References: No previous reference

Claims: DAVE 1-10; SEM 1-28

Source: Summary by W.P. LeBarge of assessment report 091968 by H. Copland.

History:

The area was first staked as the SEM claims in 1972 by United Keno Hill Mines Ltd, as a copper prospect. Minor sampling and mapping was done and the claims later lapsed. In 1986 O. Davis staked the SEM and DAVE claims and in 1987 he optioned the claims to Noranda Exploration Co. Ltd.

Description:

The property lies within the Whitehorse Trough of the Intermontane Belt, where Upper Triassic Lewes River Group mafic flows, pyroclastic rocks and limestone are overlain by Jurassic Laberge Group clastics. Granitic to diorite intrusive plugs of Jurassic to Upper Triassic age also occur.

Bounded on the east by the Big Salmon fault and on the west by the Teslin fault, the predominant rock type is massive altered basalt, breccia, tuff and greenstone of the Pennsylvanian Semenof Formation. Boswell Formation phyllite, greywacke, chert and limestone are found in contact with Semenof Formation lapilli tuff and flows on the eastern fringes of the claims. Late-stage plutons and dykes of quartz-feldspar porphyry and quartz monzonite-diorite outcrop on the western borders of the claim group.

Propylitic alteration of the lapilli tuff occurs in a north-trending band 50 metres wide which is traceable 700 metres along strike. Epidote, calcite, minor tremolite and garnet are the main alteration minerals.

Within the zone of propylitization copper-gold mineralization occurs with bornite, malachite, azurite and specular hematite as the main constituents. Mineralized zones contain between 1 and 10% disseminated bornite and hematite in pods less than 0.5 metre across, in two zones approximately 2 metres in width.

Current Work and Results:

A program of geochemical surveys, geological mapping, geophysics and trenching was conducted in 1987. Sixteen silt, 374 soil, 65 rock and 9 pan concentrate samples were collected and analysed for copper, lead, zinc, silver, arsenic and gold. Soil samples were mostly subanomalous in copper and gold, with isolated high values up to 400 ppb Au and 620 ppm Cu. Grab samples of highly mineralized rock carried high values.However, unbiased sampling of 24 metres of trench returned values only as high as 640 ppm Cu and 150 ppb Au over 2 metres.

Geophysical surveys defined a north-trending zone of low magnetic response and low resistivity which seems related to the band of propylitization on the property.

1. FLOAT

D. Gonder
105 E 8
61°16.5'N, 134°13'W

Claims: DLG 1-6,
ENGLE 1-8,
RP 1-10

12. CASSIAR BAR

O. Davis
105 E 15
61°50'N, 134°59'W

Claims: AXE 1-4

30. REN

R. Fendrick
105 E 8
61°22'N, 134°20'W

Claims: TUF 1-2

43. MIDAS

R. O'Brien
105 E 12
61°34'N, 135°02'W

Claims: MIDAS 9-20

51. PILOT

E. Kreft
105 E 3, 105 D 14
61°00'N, 135°28'W

Claims: PILOT 1-2

52. JOAN

R. Dalbianco
105 E 6
61°23'N, 135°06'W

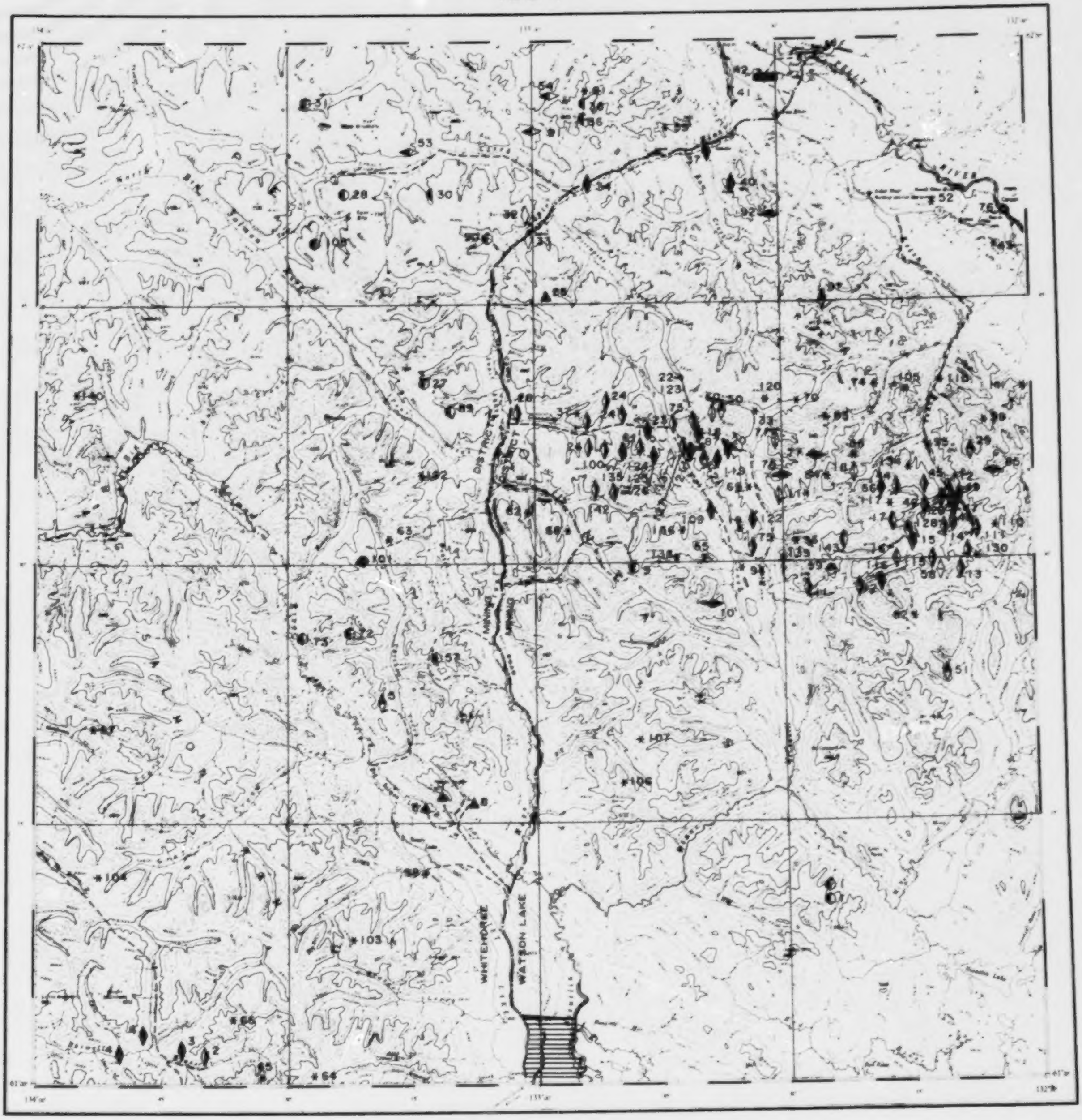
Claims: JOAN 1-6

53. CASEY

R. Enyedy
105 E 8
61°23'N, 134°21'W

Claims: CASEY

105 F


WHITEHORSE
WATSON LAKE
MINING
DISTRICT
RIVER

QUIET LAKE

YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

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Kilometres

- - - - - - Tote Trail.
——— Driveable Road.
▬ ▲ Airstrip.

QUIET LAKE MAP-AREA (NTS 105 F)

General References: GSC Open File 486 by D.J. Tempelman-Kluit, 1977;
J.G. Abbott, 1986a;
GSC Geochem Open Files 1290 and 564.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	MOLLY	Skarn Mo W	105 F 1	6	INAC (1982, p. 126)
2	MOBS	Vein Ag Pb Zn	105 F 4	7	Green (1966, p. 60-62)
3	WOPUS	Vein Au Ag	105 F 4	7	INAC (1981, p. 177); INAC (1982, p. 133)
4	GOPHER	Vein Au Ag	105 F 4	7	Green (1966, p. 60-62); INAC (1983, p. 123-124)
5	IOLA	Vein, Replacement Cu Pb Zn	105 F 6	7	INAC (1983, p. 123-124)
6	VODKA	Asbestos	105 F 6	7	
7	TOWER PEAK	Asbestos, Vein Cu	105 F 6	7	INAC (1982, p. 126-127)
8	DODY	Asbestos	105 F 6	7	
9	STORMY (PM)	Skarn Mo W	105 F 7	2	INAC (1982, p. 173)
10	MM	Stratabound Concordant Pb Zn Cu Ag (Ba)	105 F 7	6	Morin et al (1980, p. 60); Morin (1977, p. 83-97)
11	CPA	Vein Ag Pb Zn	105 F 8	7	Morin et al (1979, p. 80-81); INAC (1985, p. 173)
12	SONNY	Vein, replacement Au Ag Pb	105 F 8	7	INAC (1986, p. 90); This Report
13	KAY	Vein Ag Pb Zn	105 F 8	7	Findlay (1969a, p. 76-77); INAC (1986, p. 90)
14	SHARON (KET)	Vein Ag Pb	105 F 9	6	INAC (1987, p. 217-218, 221); This Report
15	OXO	Vein Au Ag	105 F 9	7	Green (1965, p. 42-43);
16	KOPINEC	Vein Cu	105 F 9	7	INAC (1982, p. 133);
17	KETZA RIVER (BOOM, KON)	Vein, Replacement Au	105 F 9	2	INAC (1987, p. 218); This Report
18	JD	Vein Pb Zn Ag	105 F 10	7	
19	BOX (JD)	Work Target	105 F 10	9	Morin et al (1979, p. 79,80); INAC (1986, p. 90)
20	GRAYLING	Vein, replacement Pb Ag Zn Au	105 F 10	6	INAC (1987, p. 219); This Report
21	COXALL (SUN)	Vein Cu	105 F 10	7	INAC (1987, p. 219);
22	TYRO	Vein Zn Ag Cu Pb	105 F 10	7	INAC (1986, p. 90)
23	HAYDN	Vein Ag Pb Cu Zn Au	105 F 10	7	Abbott (1986, p. 53)
24	GROUNDHOG	Vein Ag Pb Zn	105 F 10	5	Findlay (1969b, p. 46-47); This Report
25	ROCKY	Asbestos	105 F 15	7	
26	PONY	Vein Ag Pb Zn	105 F 11	7	Kindle (1945, p. 24)
27	HAM	Skarn W	105 F 11	7	
28	RISBY	Skarn W	105 F 14	2	INAC (1983, p. 123-124)
29	AMBROSE	Vein Cu Ag	105 F 9	7	
30	TUB (BRIE)	Occurrence Pb Zn Cu W	105 F 14	7	Sinclair et al (1976, p. 112)
31	EVA	Skarn W	105 F 14	7	INAC (1981, p. 173)
32	BARITE MOUNTAIN	Vein Ba	105 F 14	2	INAC (1983, p. 123-124)
33	McNEE	Vein Ba Pb	105 F 14	7	Kindle (1945, p. 24)
34	CANUSA	Vein Pb Ag Au	105 F 15	7	This Report
36	MT. COOK (GREW)	Occurrence Zn Mo	105 F 15	7	INAC (1983, p. 123-124)
37	LAPIE	Vein Au Ag	105 F 15	7	Kindle (1945, p. 25)
39	DANGER	Work Target	105 F 15	9	Kindle (1945, p. 25); Morin et al (1980, p. 62)
40	MT. ROSS	Vein Au Ag	105 F 15	7	Kindle (1945, p. 25)
41	TRENCH	Work Target	105 F 15	9	Kindle (1945, p. 21);
42	WHISKEY LAKE	Coal	105 F 15	1	Findlay (1967, p. 99); INAC (1987, p. 222)
43	BRUCE LAKE	Work Target	105 F 16	9	INAC (1987, p. 223); This Report
44	MT. MISERY	Vein Ag Pb Cu	105 F 9	7	INAC (1987, p. 223-224)
45	KEY 3	Vein Ag Pb Zn	105 F 9	7	Green (1966, p. 64-68); Findlay (1969b, p. 44-46);
46	LAP 10	Vein Ag Pb Zn	105 F 9	6	Findlay (1969, p. 44-46);
47	HOEY (F2, F3)	Vein Ag Pb Zn Au	105 F 9	6	INAC (1987, p. 224-225);
48	STUMP (A1)	Vein Ag Pb Zn	105 F 9	2	Findlay (1969, p. 44-46); This Report
49	KETZA KEY	Vein Ag Pb Au	105 F 9	2	INAC (1981, p. 174)
51	HOGG	Vein Cu	105 F 8	7	
52	CALGAL (CHUNG)	Work Target	105 F 16	9	Morin et al (1980, p. 64)
53	ASKIN	Stratabound Concordant Ba	105 F 14	7	
54	DIRK	Stratabound Concordant Ba	105 F 15	7	
55	CONNELL	Work Target	105 F 10	9	INAC (1987, p. 231)
56	FURY	Vein Au Ag Cu	105 F 9	9	This Report
57	OBVIOUS	Skarn W	105 F 6	7	INAC (1985, p. 173)
58	NOKLUIT	Syenite breccia pipe REE, Th Nb	105 F 8	7	INAC (1981, p. 175)
59	GUANO	Skarn REE, Nb	105 F 8	7	Chronic and Godwin (1981, p. 55-59, 175)
60	TAKU (GYR)	Vein, Replacement Pb Zn	105 F 10	7	INAC (1987, p. 219)
61	H (PEAK)	Vein Pb Zn Ag	105 F 10	6	
62	FIRST	Work Target	105 F 11	9	INAC (1981, p. 176)
63	LAST	Work Target	105 F 11	9	INAC (1981, p. 176)
64	B.R.	Work Target	105 F 3	9	INAC (1982, p. 128-129)
65	MMM (MURPHY)	Work Target	105 F 4	9	INAC (1982, p. 129)
66	TIM	Work Target	105 F 4	9	INAC (1982, p. 129)
67	RPP	Work Target	105 F 5	9	INAC (1982, p. 129)
68	ADDY	Work Target	105 F 10	9	INAC (1981, p. 177)
69	JDX	Work Target	105 F 10	9	INAC (1981, p. 177, 173)
70	McCASH	Work Target	105 F 9	9	INAC (1981, p. 177)
71	FOX	Vein Pb Zn	105 F 10	7	INAC (1987, p. 220)

72 HIDDEN	Skarn W	105 F 6	6	INAC (1986, p. 89)
73 AYDUCK	Skarn W	105 F 6	6	INAC (1982, p. 129-130)
74 CLO	Work Target	105 F 9	9	INAC (1981, p. 176)
75 GULL	Vein Pb Zn Ag Ba	105 F 10	7	Morin et al (1978, p. 79, 80); This Report
76 HOOLEO	Work Target	105 F 16	9	Sinclair et al (1976, p. 162)
77 CHZERPNOUGH	Stratabound Concordant Pb Zn Cu Ag Ba	105 F 9	7	Morin et al (1979, p. 81)
78 BNOB	Stratabound Concordant Pb Ba	105 F 9, 10	5	INAC (1987, p. 220)
79 SUN	Deleted: same as #21 COXALL			
80 ANISE	Deleted: no information			
81 WIMP	Work Target	105 F 15	9	Morin et al (1980, p. 62)
82 MUMS	Work Target	105 F 8	9	Morin et al (1979, p. 80)
83 TREE	Work Target	105 F 9	9	Morin et al (1980, p. 61)
84 DROC	Vein Au	105 F 8, 9	6	Morin et al (1979, p. 81); This Reprt
85 HOWRU	Stratabound Concordant Pb Zn Cu Ag	105 F 9	6	Morin et al (1980, p. 62)
86 EROS	Work Target	105 F 9	9	Morin et al (1979, p. 82)
87 NOT	Work Target	105 F 10	9	Morin et al (1979, p. 82)
88 RAM	Deleted: same as # 20, 118, 121, 123, 125, 126			
89 LAP	Skarn W Cu	105 F 11	7	Morin et al (1980, p. 37)
90 PIM	Skarn W Cu	105 F 14	7	Morin et al (1980, p. 37)
91 GK	Stratabound Concordant Ba	105 F 14, 13	7	Morin et al (1980, p. 38)
92 ANGIE	Stratabound Concordant Zn Ag	105 F 16, 15	6	Morin et al (1980, p. 38)
93 BOB	Deleted: same as #37 LAPIE			
94 GRAY	Work Target	105 F 7	9	Morin et al (1980, p. 60)
95 IGLE	Work Target	105 F 9	9	Morin et al (1980, p. 61)
96 SEATU	Work Target	105 F 9	9	Morin et al (1980, p. 62)
97 TOM	Vein Cu Zn	105 F 16, 9	7	Morin et al (1980, p. 63)
98 FER	Work Target	105 F 3	9	INAC (1982, p. 133)
99 NCC	Work Target	105 F 9	9	INAC (1982, p. 133)
100 LORNE	Vein Pb Ag	105 F 10	7	INAC (1982, p. 130, 133); This Report)
101 MOX	Skarn, Vein Cu Pb Zn Ag	105 F 11	7	INAC (1987, p. 225)
102 SNERD	Work Target	105 F 11	9	INAC (1982, p. 133)
103 PISA	Work Target	105 F 3	9	INAC (1982, p. 131)
104 SAL	Work Target	105 F 4	9	INAC (1982, p. 131-132)
105 TIER	Work Target	105 F 9	9	INAC (1982, p. 132)
106 OXY	Work Target	105 F 7	9	INAC (1982, p. 132)
107 BIG OX	Work Target	105 F 7	9	INAC (1982, p. 132-133)
108 BIG SAM	Skarn W	105 F 14	7	INAC (1985, p. 173)
109 TAY (LP)	Vein Au	105 F 10	6	INAC (1987, p. 225-226); This Report
110 GP	Work Target	105 F 9	9	INAC (1987, p. 232)
111 SOUTH FAULT (F4, F6)	Vein Ag Pb Zn	105 F 9	7	Abbott (1986, p. 56-66); INAC (1987, p. 229)
112 K33	Vein Ag Pb	105 F 9	7	Abbott (1986, p. 56-66)
113 TROUT	Vein Ag Pb	105 F 10	7	INAC (1987, p. 220)
114 ROWE	Vein, Replacement Pb Zn	105 F 10	7	Abbott (1986, p. 56-66)
115 CARL	Vein Pb Zn Ag Cu	105 F 9	7	INAC (1987, p. 226-227); This Report
116 WHITE	Vein Pb	105 F 9	7	INAC (1987, p. 227-228); This Report
117 QUILL	Work Target	105 F 9	9	INAC (1987, p. 228); This Report
118 PIKA	Vein Ag Au Pb Zn Cu	105 F 10	7	INAC (1987, p. 220)
119 LOON	Vein Ag Au Zn Pb Cu Ba	105 F 10	7	INAC (1987, p. 220)
120 FALCON	Work Target	105 F 10	9	INAC (1987, p. 220)
121 BEAR	Vein Ag Au	105 F 10	7.	INAC (1987, p. 220)
122 GOAT	Vein Ag Au Zn	105 F 10	7	INAC (1987, p. 220)
123 LEAPER	Vein Pb Ag Au	105 F 10	7	INAC (1987, p. 220)
124 RAVEN	Vein, Replacement Pb Ag Au	105 F 10	7	INAC (1987, p. 220)
125 VOLE	Vein, Replacement Pb	105 F 10	7	INAC (1987, p. 220)
126 LYNX	Vein Pb Ag Au	105 F 10	7	INAC (1987, p. 220)
127 BID	Vein Pb Ag Cu As	105 F 10	7	INAC (1987, p. 220)
128 LOWER SWITCHBACK	Vein Ag Pb	105 F 9	6	INAC (1987, p. 220, 230)
129 PIZZA	Vein Ag Pb Zn	105 F 9	7	INAC (1987, p. 129)
130 SAB	Work Target	105 F 9	9	INAC (1987, p. 231)
131 ANN	Deleted: same as #16 KOPINEC or #17 KETZA RIVER			
132 PAX	Deleted: same as #23 HAYDN or #24 GROUNDHOG			
133 BOBBY	Work Target	105 F 10	9	INAC (1987, p. 232); This Report
134 TEA	Work Target	105 F 9	9	INAC (1987, p. 232)
135 MPR	Vein Ag Pb	105 F 10	7	This Report
136 ASH	Work Target	105 F 10	9	This Report
137 HOC	Work Target	105 F 10, 11	9	This Report
138 LS	Work Target	105 F 7, 10	9	This Report
139 EAGLE	Work Target	105 F 8	9	This Report
140 HELO	Work Target	105 F 12	9	This Report
141 STAR	Work Target	105 F 9, G 12	9	This Report
142 PASS PEAK	Work Target	105 F 10	9	This Report
143 WHITE WEST	Vein Au	105 F 9	9	This Report

SONNY
Golden Pavilion Resources Ltd

Gold, Silver, Lead Vein
105 F 8, 9 (12)
61°29'N, 132°17'W

References: Abbott (1986)

Claims: SUSAN 9-16; ST. PETER 1-8; JESSICA 1-8; REGAN 1-38

Source: Summary by T. Bremner of assessment report 092103 by B.V. Hall.

History:

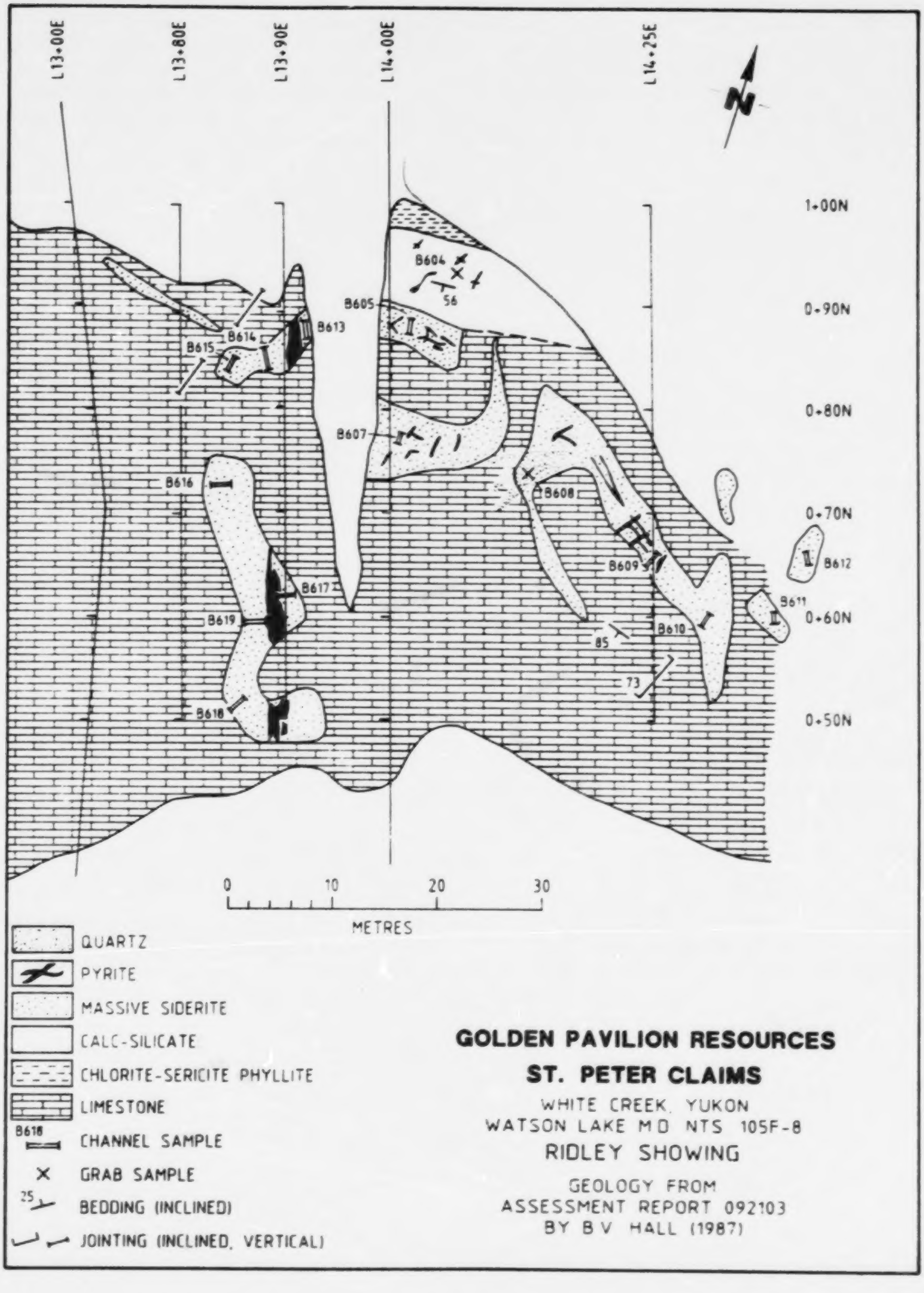
In 1967, Archer, Cathro and Associates Ltd carried out reconnaissance soil sampling and geological mapping in the White Creek area, outlining several silver-lead anomalies. Some tetrahedrite float assaying 16 799.5 g/t Ag was found. The property was restaked in the late 1970's and the SONNY showing was hand trenched. The present claims were staked in 1985.

Description:

Abbott (1986) has described the regional setting of these deposits. Siderite mantos and chimneys containing minor pyrite, pyrrhotite, chalcopyrite, arsenopyrite and galena occur in Lower Cambrian limestone. Six main showings on the property marked by conspicuous gossans expose sulphide mineralization over a strike length of about 1 km. Quartz veins up to 2 m thick occupy fractures around the siderite bodies and contain minor amounts of sulphide minerals.

In 1987 the property was mapped and prospected in detail and 1432 soil, silt and rock samples were collected and analysed. A magnetometer survey was also carried out over the property. The GRAY showing was explored by blast trenching and three drill pads were constructed.

A total of 35 mineralized showings were located, most as a result of the 1987 program. Of these, 25 are manto type deposits. Based on soil geochemistry, magnetometer survey and geological mapping, the largest appears to be more than 1.2 km long with an average width exceeding 8 m. The RIDLEY, MAIN, GRAY and YOUNG showings occur along this zone and are marked by conspicuous gossans. The mineralogy of the manto changes along strike from siderite, pyrite, pyrrhotite and high gold values in the RIDLEY and MAIN showings to pyrite, arsenopyrite, pyrrhotite and galena with high silver and lead values in the YOUNG and GRAY showings. Trenching on the MAIN showing exposed material grading up to 9.9 g/t Au, while the 1987 samples from two trenches on the GRAY showing returned up to 274.3 g/t Ag and 1.5% Pb. Soil geochemistry indicates that the highest grade part of this manto lies between the GRAY and YOUNG showings and is more than 300 m long.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B617
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85
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20
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METRES
QUARTZ
PYRITE
MASSIVE SIDERITE
CALC-SILICATE
CHLORITE-SERICITE PHYLLITE
LIMESTONE
B618
CHANNEL SAMPLE
×
GRAB SAMPLE
25
BEDDING (INCLINED)
JOINTING (INCLINED, VERTICAL)

GOLDEN PAVILION RESOURCES

ST. PETER CLAIMS

WHITE CREEK, YUKON
WATSON LAKE M.D. NTS 105F-8
RIDLEY SHOWING

GEOLOGY FROM
ASSESSMENT REPORT 092103
BY B.V. HALL (1987)

Two other areas of possible economic significance include the JESSICA and SONNY showings. The JESSICA showing is a 14 x 250 m siderite chimney with a 5 m wide core of massive sulphides including chalcopyrite, pyrrhotite and arsenopyrite. Elevated gold values are associated with the mineralized core. At the SONNY showing, massive siderite with pyrite is coincident with a large magnetic anomaly and anomalous values of gold, arsenic, silver, zinc, lead and iron in soil.

Some of the massive quartz veins also show economic potential, as they have elevated gold values and often grade into manto deposits along strike. A 1-2 m wide quartz vein adjacent to the RIDLEY showing contains over 1% Cu.

SHARON, KETZA RIVER (BOOM, KON), CARL, WHITE	**Gold, Silver, Lead, Zinc**
Canamax Resources Inc.	**Vein/Replacement**
Pacific Trans-Ocean Resources Ltd	**105 F 9 (14,17,115,116)**
High River Resources Ltd	**61°32'N, 132°18'W**
Quillo Resources Inc.	**1987**

References: INAC (1987, p. 217-218, 227); Abbott (1986a, p. 56-66)

Claims: KETZA 21-102; KET 1-4; HR 1-14; KON 240-261

Source: Summary by W.P. LeBarge of assessment report 091767 by A. Watts, G. Podolsky and C. Hodgson.

Current Work and Results:

A helicopter-borne geophysical survey was conducted in March, 1987. Magnetic, electromagnetic and VLF data were collected simultaneously. A number of northwest-trending magnetic conductors were detected. These may represent veins and/or replacement massive sulphide mantos which are known to occur on the property.

GRAYLING, PIKA, BEAR, LEAPER, VOLE, LYNX
(RAM property)
Fairfield Minerals Ltd

Gold, Silver, Lead, Zinc
Vein/Replacement
105 F 10 (20,118,121,123, 125,126)
61°35'N, 132°35'W
1987

References: Morin et al (1980, p. 83); INAC (1986, p. 219)

Claims: RAM 1-758; MAT 1-12

Source: Summary by T. Bremner of assessment report 092096 by J.J. Hylands (Cordilleran Engineering Ltd).

Current Work and Results:

In 1987, 7000 soil samples were collected over previously untested areas. Major new anomalies were defined on the Fox/Falcon grid, the Ram/Fox grid, the South grid (2), the Bear grid (3) and the Vole grid.

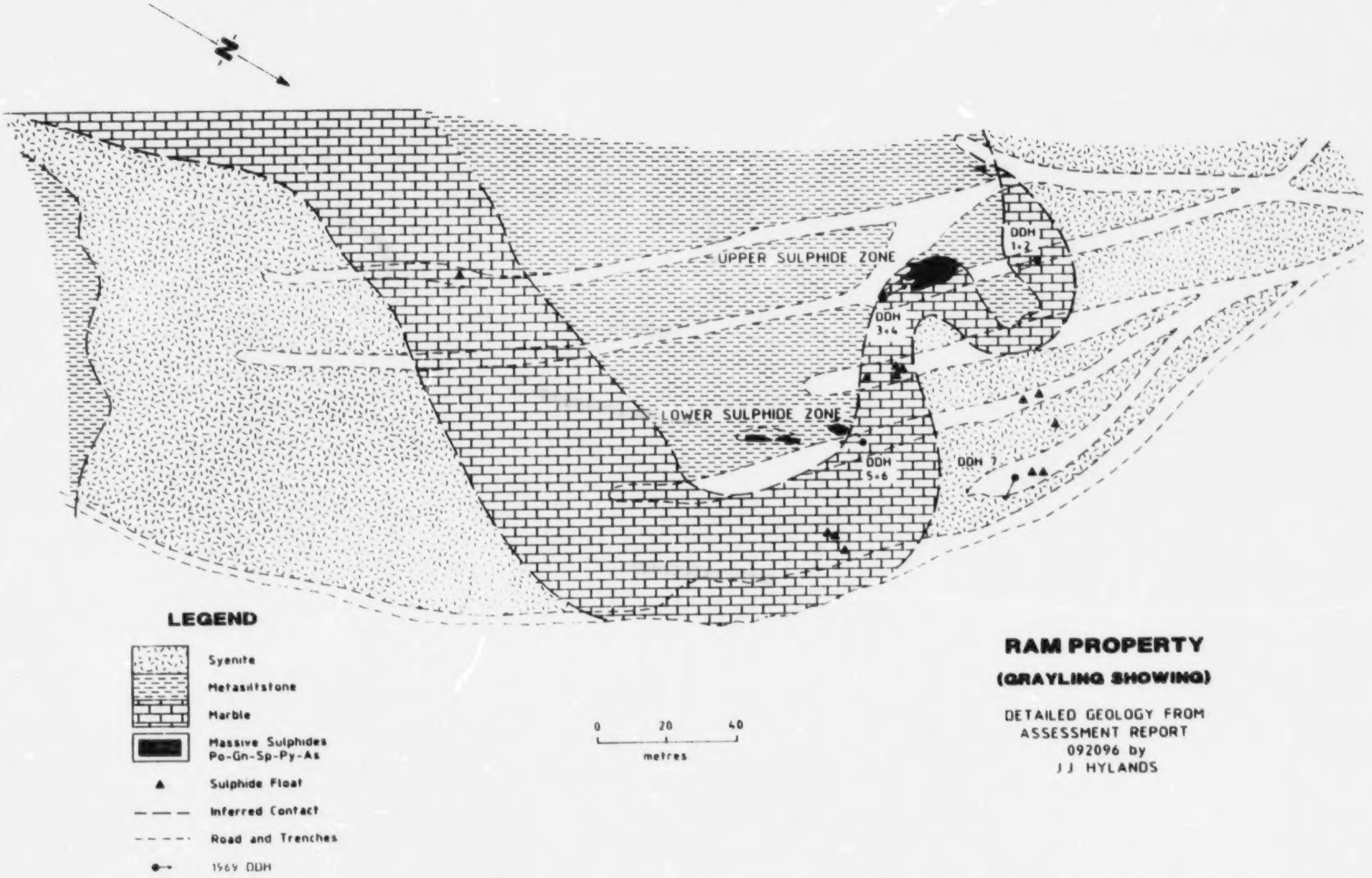
Test geophysical surveys were carried out over the previously trenched and drilled GRAYLING showing and IP, magnetometer and VLF-EM techniques were used over other anomalous areas on the Grayling and Vole grids.

Mapping of parts of the property at a scale of 1:10,000 resulted in the discovery of several new showings. In the Grayling grid area, new showings include the NIMBUS and PORCUPINE massive sulphide veins cutting syenite and numerous iron carbonate-quartz-sulphide veins containing anomalous gold values. The 1.5 m wide NIMBUS vein consists of massive pyrite, pyrrhotite, arsenopyrite and galena. It strikes northwest and dips steeply. A chip sample across the vein assayed 1.46% Pb, 0.48% Zn and 151.5 g/t Ag. The PORCUPINE vein consists of massive pyrite 15 cm wide carrying 1.36% Pb and 14.4 g/t Ag.

On the south grid, a skarn deposit up to 30 m thick contains massive and disseminated pyrrhotite and pyrite over an area of 3 square kilometres. Ankerite-quartz veins cutting rusty metavolcanic rocks were discovered on the Fox/Falcon grid. They contained disseminated pyrite and galena. A grab sample from outcrop returned 1700 ppm Pb, 3200 ppm Zn and 4.1 ppm Ag.

On the Bear grid, discontinuous iron carbonate-quartz-galena veins containing up to 72.98% Pb and 310.6 g/t Ag cut syenite. Similar mineralized vein material containing variable amounts of sulphides was found in boulders at several locations on the Bear and Seagull grids.

Several showings discovered in 1985 were resampled in 1987. A chip sample across the PIKA vein on the Grayling grid assayed 4.6% Pb, 1.98% Zn and 109.4 g/t Ag. A 3 m chip sample across the TROUT showing on the Seagull grid returned 0.59% Pb, 1.35% Zn, 155.0 g/t Ag and 5.3% As.


N
UPPER SULPHIDE ZONE
LOWER SULPHIDE ZONE
DDH 1+2
DDH 3+4
DDH 5+6
DDH 7
LEGEND
Syenite
Metasiltstone
Marble
Massive Sulphides Po-Gn-Sp-Py-As
Sulphide Float
Inferred Contact
Road and Trenches
1969 DDH
0
20
40
metres

RAM PROPERTY

(GRAYLING SHOWING)

DETAILED GEOLOGY FROM
ASSESSMENT REPORT
092096 by
J J HYLANDS

GROUNDHOG, LORNE
Yukon Minerals Corp.
Perrex Resources Ltd

Silver, Lead, Zinc Vein
105 F 10 (24, 100)
61°37'N, 132°52'W
1987

References: Findlay (1969 b, p. 46-47); Abbott (1986, p. 60, 64)

Claims: JEFF 1-4; HI GRADE; HV 1-348; HOG 1-38; CARIBOU 1-3; BEN 15; VER 1-14

Source: Summary by T. Bremner of assessment report 092097 by G.S. Davidson.

History:

The first galena-bearing veins were discovered in the Groundhog Creek area in the 1950's. The CARIBOU 1-3 claims were staked by P. and H. Versluce and optioned to Canol Mines in 1966. Canol Mines added the BEN 1-24 claims as part of a 521 claim block covering the area between Groundhog and Seagull Creek. H. and P. Holdings staked the JEFF 1-4 and HI GRADE claims in 1979 to cover galena-bearing float containing 4639.4 g/t Ag. In 1981 Great Western Petroleum Corporation surrounded the JEFF and HI GRADE claims with the LORNE 1-55 claims, and discovered the JILL vein containing up to 639.4 g/t Ag in a fault zone in dolomite. The LORNE claims were allowed to lapse in 1983. The HV and VER claims were staked in 1986, and a short blasting program uncovered the PN vein, a 3 m wide zone of broken galena and frozen fault gouge assaying 3723.3 g/t Ag.

Description:

The geology of the area has been described in detail by Abbott (1986). Mineral occurrences on the property consist of silver-bearing galena veins with pyrite, tetrahedrite and sphalerite in quartz-siderite gangue. The veins trend 170-175° and dip steeply. Disseminated sulphides occur over widths of up to 15 m with massive sulphide lenses averaging 0.5 m wide. The massive sulphide lenses pinch and swell along fault zones containing frozen clay gouge, dolomite fragments and limonite. Numerous narrow galena veins occur in hangingwall and footwall rocks up to 15 m from the vein faults.

Current Work and Results:

In 1987 the PN, LUCKY, NO. 3, NO. 2 and GROUNDHOG showings were exposed by bulldozer and blast trenching, and detailed mapping and sampling were carried out along with a VLF-EM survey to outline the major faults. A preliminary topographic survey was done over part of the property.

Thirty-four vein and wallrock samples from the PN showing averaged 3994 g/t Ag and 65% Pb. Several 1 m chip samples assayed better than 34.3 g/t Ag and 10% Pb. The mineralized vein was exposed over a strike length of 33 m.

The LUCKY vein was exposed over a strike length of 17 m. Seven samples of massive galena averaged 3171.3 g/t Ag, while finer grained steel galena with bands of tetrahedrite carried 4222.7 g/t Ag.

Chip samples across the No. 2 vein zone returned 329.8 g/t Ag across 3.4 m from a quartz vein cutting footwall dolomite, and 394.3 g/t Ag across 4 metres of black gouge from the fault zone.

The No. 3 vein zone consists of a 14 x 0.5 m massive galena vein in a fault zone 2-3 m wide and more than 35 m long, which strikes 170° and dips 65°W. Silver values average 2225 g/t with 75% Pb. Up to 14.1% Zn occurs in fractured wallrocks.

The GROUNDHOG showing was blasted and cleared over 450 square metres exposing a 6 x 20 m zone of galena-bearing quartz and quartz-siderite veins in sheared dolomite along a probable faulted contact with black shale. The best chip sample assayed 236.2 g/t Ag and 13% Pb over 4.5 m.

Numerous smaller showings were also explored. A tetrahedrite-bearing quartz vein sampled during the staking of claims at the north end of the property returned the very high value of 17 197.6 g/t Ag.

CANUSA
Silver Chief Minerals Ltd

Silver, Lead, Gold Vein
105 F 16 (34)
61°52'N, 132°53'W
1967

References: Kindle, (1946)

Claims: JN 1-16; JR 1-40

Source: Summary by T. Bremner of assessment report 091737 by J.T. Cook.

History:

Consolidated Mining and Smelting Ltd first explored the property by trenching in 1945. In 1946, Kindle described a galena-bearing quartz vein exposed in a roadcut on the South Canol Road. The vein was 1 m wide and contained small amounts of gold and silver. The property was restaked by Silver Chief Minerals Ltd in 1968.

Description:

Paleozoic sedimentary rocks underlying the claims are cut by northwest-trending faults.

Current Work and Results:

In 1968 a VLF-EM16 survey was carried out along the Canol Road, Lapie River and Fox Creek which traverse the property. Smaller traverses were made at right angles to the three main lines. Numerous quartz veins were discovered but no mineralization was seen.

BRUCE LAKE
A. Carlos

Work Target
105 F 16 (43)
61°48'N, 132°03'W
1987

References: INAC (1987, p. 223)

Claims: LUKESHANE 3-13, 38, 40, 42-48

Source: Summary by T. Bremner of assessment report 091947 by A. Carlos.

Description:

Intermediate to basic pyroclastic rocks of Tertiary age are found in coarse float near the southeast end of Nickel Lake. Most of the property is underlain by a Permian allochthonous assemblage of brecciated gabbro, altered pyroxenite and siliceous sedimentary rocks.

Current Work and Results:

Because the property is covered in deep overburden, work in 1987 consisted mostly of geophysical surveys. Strong northwest-trending magnetic highs are interpreted as basic igneous units. A linear VLF anomaly which follows the base line over a distance of more than 1200 m represents a possible fault.

The VLF lineament passes through a lakeshore float exposure of siliceous breccia and banded chalcedony. A previous sample from the float returned 6.8 g/t Au, 41 g/t Ag, 0.43% Pb and anomalous levels of arsenic and mercury. An anomalous heavy mineral concentrate from the northwest end of the lake contained 5.6 g/t Au, 11.0 g/t Ag and 0.12% Pb, and lies on the same lineament.

STUMP (A1)
Canamax Resources Inc.

Silver, Lead, Zinc Vein
105 F 8, 9 (48)
61°32'N, 132°10'W
1987

References: INAC (1987, P. 224)

Claims: CAMP 5-8, 17-18; RAIN 1; SNOW

Source: Summary by T. Bremner of assessment report 091953 by S.M. Abercrombie and C.J. Hodgson.

Current Work and Results:

Diamond drilling on the property in 1987 consisted of 19 holes totalling 1692.2 m. DDH IS-87-22 was drilled to test the strike extension of the A-1 (STUMP) silver-bearing galena vein. The hole was drilled to a depth of 95.1 metres in Ordovician black shale and failed to encounter any mineralization.

FURY	**Gold, Silver Copper Vein/**
Canamax Resources Inc.	**Replacement**
	105 F 9 (56)
	61°35'N, 132°20'W
	1986

References: INAC (1987, p. 218)

Claims: KON 134-239

Source: Summary by T. Bremner of assessment report 091933 by C.N. Orssich and C.J. Hodgson.

Current Work and Results:

In 1986, 890 contour soil and silt samples were taken over the entire property. Of fourteen anomalies identified, ten consisted of gold with or without arsenic, silver and lead. One of the anomalies consisted of arsenic only and the remaining three consisted of lead only.

The most spectacular anomaly covers an area up to 2.7 km long and 600 m wide within which many zones of quartz stockwork with minor pyrite, arsenopyrite, galena and chalcopyrite occur in Lower Cambrian limestone and minor Upper Cambrian shale.

Another anomalous area adjacent to the FURY showing is associated with zones of quartz and oxide up to 150 x 200 m.

EROS, WHITE WEST
Mountain Province Mining Inc.

Gold Vein
105 F 8, 9 (86, 143)
61°33'N, 132°23'W
1987

References: Abbott (1986, p. 65)

Claims: EVE 1-38; WHITE 1-123

Source: Summary by T. Bremner of assessment report 091996 by C.G. Verley.

Description:

A sequence of Precambrian to Devonian carbonate and clastic rocks is overlain by a thrust sheet containing Devonian and Mississippian volcanic rocks. The sedimentary and volcanic sequences are intruded by syenite, carbonatite and mafic dykes and plugs of Mississippian age. Gold-bearing siderite veins occur in Lower Cambrian limestone.

Current Work and Results:

In 1987, 75 rock samples, 54 silt and 795 soil samples were collected at 25 and 50 m intervals along topographic contours. Three new areas of interest were outlined.

The LAKE zone is anomalous in gold, arsenic, lead and silver over a 200 m width. Soils from the LAKE zone returned up to 11 719 ppm Pb, 38.5 ppm Ag, 3042 ppm As and 29 ppb Au. A grab sample of Lower Cambrian dolomite rubble contained disseminated galena and assayed 3.12% Pb and 86.4 g/t Ag. Grab samples of limonitic dolomite rubble contained up to 800 ppb Au and 2630 ppm As.

At the WEST zone, cobbles and boulders of limonite containing disseminated pyrite and arsenopyrite were found in a talus slide. A grab sample of opaline limonite material contained 2010 ppb Au, 35 ppm Ag, 18 368 ppm As and 1764 ppm Pb. A specimen of manganiferous limonite returned 900 ppb Au, 77.9 ppm Ag, 19 239 ppm As and 14 121 ppm Cu.

The EAST zone is a new gold showing which was found by prospecting. Veins of iron and manganese carbonate containing pyrite and arsenopyrite are hosted by thin-bedded black limestone at the base of the Lower Cambrian. Selected grab samples returned 41.8 g/t Au and 31.3 g/t Au, while a chip sample returned 2.05 g/t Au across 3.65 m.

Two other anomalous areas on the property include the EROS lead-zinc-silver-gold anomaly drilled by Cyprus Anvil Mining Corporation in 1976 and the GUANO rare earth niobium skarn occurrences explored by Archer, Cathro and Associates in 1976. Both of these targets were resampled in 1987.

TAY (LP)
Cominco Ltd

Gold Vein
105 F 10 (109)
61°33'N, 132°40'W
1987

References: INAC (1987, p. 225-226)

Claims: TAY 1-21; LP 1-175; JEF 1-51

Source: Summary by T. Bremner of assessment report 092081 by I.A. Paterson.

Current Work and Results:

In 1987, 11 NQ holes totalling 961 m were drilled along a northwest and southeast trend marked by gold-bearing quartz-pyrrhotite float, magnetic and EM anomalies.

Veins or stockworks of quartz, pyrrhotite, chalcopyrite and tourmaline were encountered in all drillholes. The stockworks cut limestone and calcareous biotite schist which has been extensively silicified and tourmalinized. In DDH LP 87-07 the mineralization overlies a thin sill of muscovite-tourmaline granite which has altered the limestone in the upper part of the hole to a banded skarn. The best intersections were 2 m of 4.04 g/t Au and 2 m of 3.36 g/t Au in LP 87-9, 4 m of 3.7 g/t Au in LP 87-13 and 2 m of 3.4 g/t Au in LP 87-15. Assayed sections of drill core gave an average grade lower than the average grade of mineralized boulders found on surface.

PASS PEAK
Canamax Resources Inc.

Work Target
105 F 10 (142)
61°34'N, 132°45'W
1987

References: INAC (1987, p. 232)

Claims: MAC 1-56; BOB 1-44

Source: Summary by W.P. LeBarge from assessment report 091735 by A. Watts, G. Podolsky and C.J. Hodgson.

History:

The MAC and BOB claims were staked in 1986 by Canamax Resources Inc.

Description:

The PASS PEAK property lies within the Cassiar Platform at the west end of the Ketza-Seagull Arch. The regional geology has been described by Abbott (1986). In the immediate area of the claims, calcareous phyllite interbanded with marble and minor quartzite is intruded by a quartz monzonite stock. Carbonate rocks are recrystallized and altered to garnet skarn within 25 metres of the intrusive contact while phyllite is hornfelsed up to 400 metres from the contact. A dyke of greisenized quartz monzonite containing quartz, muscovite, pyrite and tourmaline is probably associated with the main quartz monzonite stock. Steeply dipping north to northeast-striking quartz veins contain pyrite, pyrrhotite, galena, sphalerite and arsenopyrite.

Current Work and Results:

In March, 1987 a helicopter-borne geophysical survey was conducted combining VLF-EM, apparent resistivity and magnetometer data. Several coincident magnetic and electromagnetic anomalies were detected including isolated conductors near Pass Peak and a zone of multiple northwest-trending electromagnetic conductors in the northeast corner of the claims. A disjointed contour pattern indicating faulting coincides with a network of quartz veins on the property. Other anomalies are thought to be due to skarn-related massive sulphides.

MPR	**Silver, Lead Vein**
T. McCrory and Associates	**105 F 10 (135)**
	61°35'N, 132°48'W
	1987

References: No previous reference

Claims: WHISTLER 1-8

Source: Summary by T. Bremner of assessment report 092091 by G.S. Davidson.

History:

The property was first staked as part of the PEAK group by Noranda Exploration Co. in the late 1970's. Noranda outlined several silver-lead-zinc geochemical anomalies on the property. An arsenopyrite-quartz vein was discovered in 1983.

Description:

The property is underlain by Siluro-Devonian dolomite which hosts numerous silver-lead veins on the adjacent GROUNDHOG property.

Current Work and Results:

The arsenopyrite-quartz vein was explored in 1987 by four bulldozer trenches. The trenches uncovered phyllite containing arsenopyrite-pyrite-quartz veins and limonite veins up to 1.5 m wide. Travertine was exposed in the westernmost trench. Grab samples of vein material returned up to 189.9 g/t Ag and 2.59% Pb.

12. SONNY

D. Ridley, C. Young,
S. Case
105 F 8
61°29'N, 132°16'W

Claims: JESSICA 1-8, SONNY 1-12,
REGAN 1-38, ST. PETER 1-8,
SUSAN 1-24

14. SHARON

C. Verley
105 F 8, 9
61°30'N, 132°10'W

Claims: MP 1-20

17. KETZA RIVER (BOOM, KON)

Canamax Resources Inc.
105 F 9
61°34'N, 132°20'W

Claims: KON 262-298,
KETZA 103-116,
MIS 1-2

21. COXALL (SUN)

Fairfield Minerals Ltd
105 F 10
61°35'N, 132°40'W

Claims: RAM 759-796

23. HAYDN

H. Versluce
105 F 10
61°39'N, 132°45'W

Claims: ANNA 1-34

23. HAYDN

St. Cyr Range Mineral Exploration Ltd
105 F 10
61°38'N, 132°45'W

Claims: GREG 1-62, MAX 2 #1-3, SPAM #1

24. GROUNDHOG

Yukon Minerals Corp., M. Nielsen
105 F 10
61°38'N, 132°47-50'W

Claims: HV 119-194, 197-268,
270, 272, 274, 276-348,
VER 12-14

32. BARITE MOUNTAIN

Dodgex Ltd, H. Coyne & Sons Ltd
105 F 14
61°51'N, 133°00'W

Claims: RITE 1-2

52. CALGAL (CHUNG)

Welcome North Mines Ltd.
105 F 16
61°50'N, 132°10'W

Claims: TINT 1-205

55. CONNELL

Cominco Ltd.
105 F 7, 10
61°30'N, 132°40'W

Claims: JEF 1-51

59. GUANO

Mountain Province Mining Inc.
105 F 8
61°29'N, 132°25'W

Claims: PS 1-12

86. EROS

Mountain Province Mining Inc.
105 F 9
61°36'N, 132°23'W

Claims: EVE 1-138

92. ANGIE

Welcome North Mines Ltd
105 F 16
61°51'N, 132°28'W

Claims: WLN 16-75

111. SOUTH FAULT (F4, F6)

C. Ridley, G. Seybold
105 F 8
61°29-32'N, 132°07'W

Claims: PESCOD 32-33, COP 1-141

116. WHITE

Welcome North Mines Ltd
105 F 8, 9
61°30'N, 132°21'W

Claims: WHYTE 19-24

116. WHITE

R.J. Rivet
105 F 8, 9
61°30'N, 132°18'W

Claims: BRAULT 1-61

116. WHITE

Canamax Resources Ltd
105 F 8
61°30'N, 132°19'W

Claims: WIT 1-6

124. RAVEN

K. McCrory
105 F 10
61°37'N, 132°46'W

Claims: RK 1-4

127. BID

J. Byrne
105 F 10
61°37′N, 132°43′W

Claims: TIE 1-6

129. PIZZA

R. Rivet,
Quillo Resources Inc.
105 F 9
61°33′N, 132°06′W

Claims: BRO 1-32

135. MPR

T. McCrory, B. Preston,
A. Rich
105 F 10
61°34′N, 132°50′W

Claims: MPR 87-152

136. ASH

H. Davis
105 F 10
61°32′N, 132°42′W

Claims: ASH 1-28

137. HOG

A. MacDonald
105 F 10
61°38′N, 132°56′W

Claims: HOG 1-38

138. LS

R. Robertson
105 F 7, 10
61°30′N, 132°40′W

Claims: LS 1-60

139. EAGLE

M. Gray, C. Young,
C. Ridley, B. Hall
105 F 7, 8, 9, 10

Claims: MATHEW 1-146

140. HELO

Cyprus Metals (Canada) Ltd
105 F 12
61°40′N, 133°56′W

Claims: HELO 1-18

141. STAR

Welcome North Mines Ltd
105 F 9, 105 G 12
61°40′N, 132°00′W

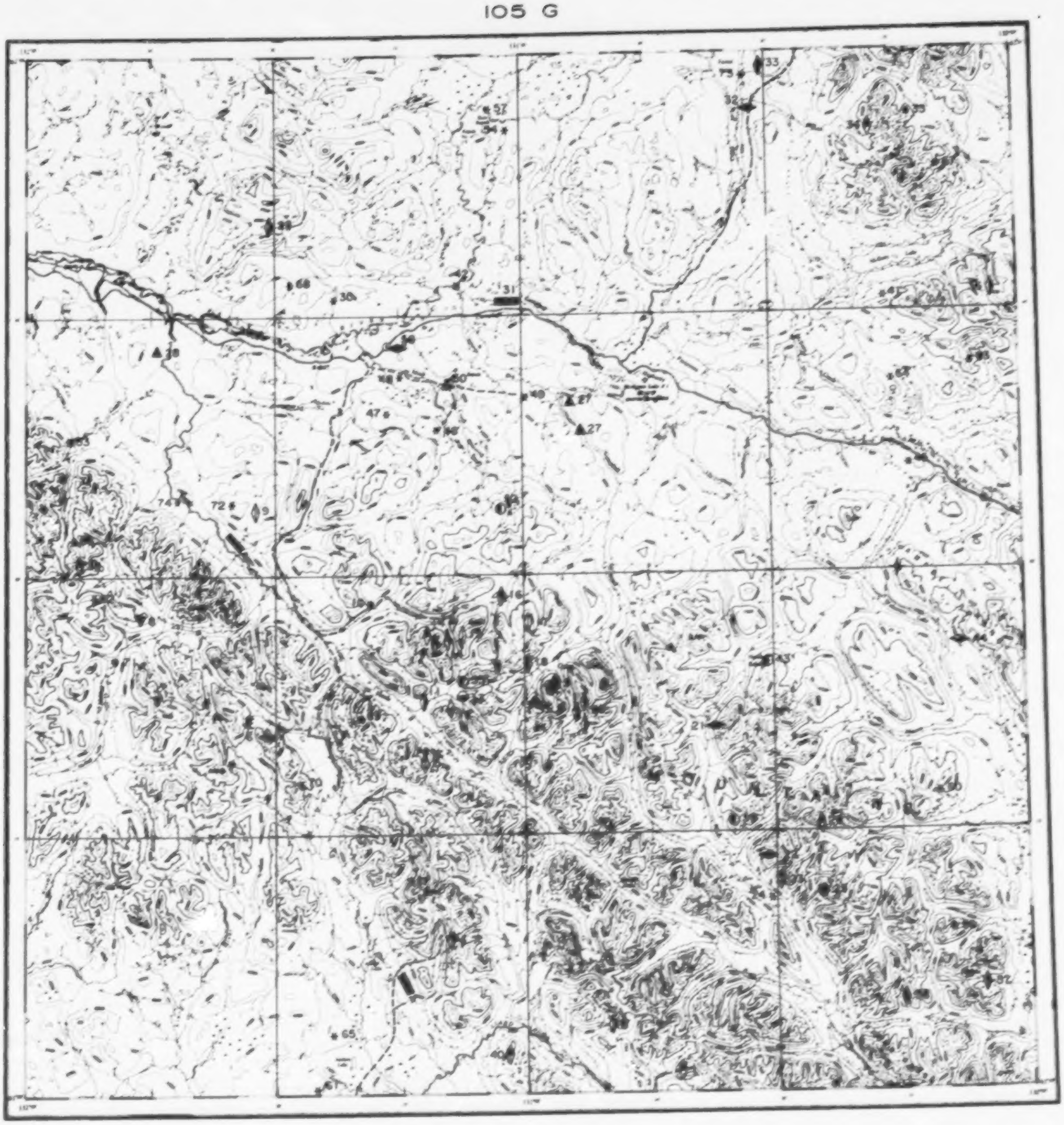
Claims: STAR 1-216

143. WHITE WEST

Mountain Province Mining Inc.
105 F 8, 9
61°32′N, 132°24′W

Claims: WHITE 1-123

105 G



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FINLAYSON LAKE

YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal.

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Kilometres

------	Tote Trail.
——	Driveable Road.
▬	Airstrip.

FINLAYSON LAKE MAP-AREA (NTS 105 G)

General References: GSC Open File 486 by D.J. Tempelman-Kluit, 1977;
GSC Geochem Open File.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	MONT	Vein Cu	105 G 2	7	Findlay (1967, p. 64-65); INAC (1982, p. 136);
2	BLUEBERRY	Vein Ag Pb Zn Cu W	105 G 2	7	
3	SLAM	Vein Zn Cu	105 G 2	7	
4	TINTINA (EAGLE)	Vein, Replacement Ag Pb Zn	105 G 3	2	Morin et al (1[illegible], p. 199-203); This Report
5	PLUMB (NOLE)	Vein Pb Zn Ag	105 G 6	7	Morin et al (1979, p. 86)
6	FH (JOE)	Stratabound Concordant Ag Pb Zn Cu Ba	105 G 5	7	INAC (1985, p. 176-177)
7	McNEIL	Stratabound Discordant	105 G 5	7	
8	AXE	Stratabound Discordant	105 G 5	7	INAC (1985, p. 177)
9	HOO	Vein, Replacement Zn Pb Cu	105 G 12	7	Sinclair and Gilbert (1975, p. 85-86)
10	EL	Work Target	105 G 6	9	Findlay (1969a, p. 79)
11	PICK	Vein Ag Pb	105 G 6	7	
12	GRASS	Vein Mo W	105 G 6	7	
13	SANDERS	Skarn Pb Zn Cu	105 G 6	7	
14	RILEY	Vein Cu Pb	105 G 6	7	
15	ZIELINSKI	Vein Pb Zn Cu Ag	105 G 6	7	
16	RIVIERA	Vein, Replacement Cu Zn	105 G 6	7	
17	GYP	Vein Pb Zn Cu	105 G 7	7	
18	GEE	Vein Pb	105 G 7	7	
19	PIT	Vein Zn Cu Ag Au	105 G 7	7	
20	ROB	Vein Cu Pb Ag	105 G 7	7	
21	PACK	Stratabound Concordant Zn Cu	105 G 7	6	INAC (1981, p. 180); Morin (1981b)
22	FYRE	Stratabound Concordant Pb Zn Cu Ag (Ba)	105 G 2	7	INAC (1982, p. 135); Morin (1981b)
23	TOP	Vein Ag Pb Zn	105 G 1	7	
24	DUB	Work Target	105 G 2	9	Findlay (1967, p. 59-60)
25	MM	Skarn Cu	105 G 1	7	
26	VINCENT	Vein Cu	105 G 8	7	
27	BOT	Asbestos	105 G 10	7	Morin et al (1979, p. 85)
28	PUP	Asbestos	105 G 12	7	
29	CHOW	Vein Pb Zn Ag	105 G 13	7	Morin et al (1979, p. 88)
30	DOL	Work Target	105 G 14	9	
31	CAMPBELL	Coal	105 G 14	7	Keele (1910, p. 50)
32	PHIL (BOB)	Stratabound Concordant Pb Zn Cu	105 G 15	6	INAC (1981, p. 180, 182)
33	PAY	Vein, Replacement Au Ag Pb Zn	105 G 15	7	Findlay (1969a, p. 81-83)
34	RIS	Vein Cu	105 G 16	7	
35	SPUD	Work Target	105 G 16	7	Tempelman-Kluit (1974c, p. 44)
36	JAKE	Vein Ag Pb Zn	105 G 16	7	
37	MAP	Vein Ag Pb	105 G 1	7	
38	WATERS	Vein Ag Pb	105 G 1	7	
39	ZIMMER	Vein, Replacement Cu	105 G 12	7	
40	INGS	Vein Cu	105 G 3	7	
41	HARMAN	Work Target	105 G 16	9	Sinclair and Gilbert (1975, p. 88)
42	ELECTRIC	Work Target	105 G 14	7	INAC (1987, p. 236)
43	MYDA	Skarn W	105 G 7	7	INAC (1981, p.180)
44	FETISH	Stratabound Concordant Cu Zn Pb	105 G 8	7	Morin (1981b); INAC (1985, p. 177)
45	QUANDARY	Work Target	105 G 9	9	
46	FREGERG	Work Target	105 G 11	9	
47	FLIN	Work Target	105 G 11	9	
48	FLON	Work Target	105 G 11	9	
49	HUDSON	Work Target	105 G 10	9	
50	AIRBORNE	Work Target	105 G 11	9	
51	TOKE	Work Target	105 G 7	9	INAC (1981, p. 180)
52	FOG	Skarn W	105 G 11	6	INAC (1981, p. 181)
53	STARR	Work Target	105 G 12	9	INAC (1981, p. 182)
54	GONZO	Work Target	105 G 14	9	INAC (1981, p. 182)
55	BOOT	Skarn W	105 G 6	6	INAC (1981, p. 181)
56	HOWDEE	Skarn W	105 G 7	7	INAC (1981, p. 182)
57	DWONK	Work Target	105. G 14	9	INAC (1981, p. 182)
58	EAGLE (FRED)	Stratabound Concordant Pb Zn	105 G 11	7	INAC (1981, p. 182)
59	PY	Work Target	105 G 1	9	Sinclair et al (1976, p. 164)
60	MONEY	Work Target	105 G 8	9	Sinclair et al (1976, p. 166)
61	BOW	Work Target	105 G 3	9	Morin et al (1979, p. 85)
62	NMT	Work Target	105 G 5	9	Morin et al (1977, p. 203)
63	TIL	Work Target	105 G 9	9	Morin et al (1980, p. 65)
64	IRENE	Work Target	105 G 9	9	Morin et al (1980, p. 67)
65	PAT	Work Target	105 G 3	9	Morin et al (1979, p. 85)
66	NEW	Work Target	105 G 12	9	Morin et al (1979, p. 87)
67	SAS	Work Target	105 G 16	9	INAC (1982, p. 136)
68	LEACH	Work Target	105 G 14	6	INAC (1983, p. 128-129)
69	CYR	Work Target	105 G 6	9	Morin et al (1980, p. 64)
70	WHIT	Work Target	105 G 6	9	INAC (1987, p. 237)
71	GUY	Work Target	105 G 5	9	INAC (1987, p. 237)
72	SARAH	Work Target	105 G 12	9	INAC (1987, p. 237)
73	PELLY	Work Target	105 G 15	9	INAC (1987, p. 237)
74	HOOLE	Work Target	105 G 12	9	This Report

TINTINA (EAGLE)
Tintina Mines Ltd

Silver, Lead, Zinc Vein/
Replacment
105 G 3 (4)
61°08'N, 131°10'W
1987

References: Morin et al (1977, p. 199-203)

Claims: NEW; EAGLE; ROSS; CEC; PAUL groups

Source: Summary by T. Bremner of assessment report 091989 by Strathcona Mineral Services Ltd.

Current Work and Results:

Fifteen diamond holes totalling 1712 m were drilled on the property in 1987. Four of the holes were drilled in the main zone near the adit, two holes were located on the ridge west of the cirque and the remainder tested the WEST MOUNTAIN zone some 700 m northwest of the main showing. The best results were obtained in DDH T87-05 in the main showing area and DDH T87-14 700 m to the northwest. DDH T87-05 intersected several mineralized layers of green-grey silicified limestone and argillite cut by quartz-carbonate stringers. Sphalerite, galena, pyrrhotite and minor arsenopyrite occur in bands and irregular patches. The best intersections were 72.8 g/t Ag, 1.30% Pb and 1.53% Zn over 3.0 m, and 1.1 g/t Au, 47.7 g/t Ag, 0.09% Pb and 2.88% Zn over 2.6 m. DDH T87-14 intersected a 3 m zone of massive sulphides replacing greenish silicified limestone. The sulphide zone had an average grade of 923.3 g/t Ag, 11.0% Pb and 24.0% Zn.

69. CYR

G. Clark
105 G 6
61°22'N, 131°18'W

Claims: TAR 1-20

72. SARAH

W. Shenfield
105 G 12
61°34'N, 131°35'W

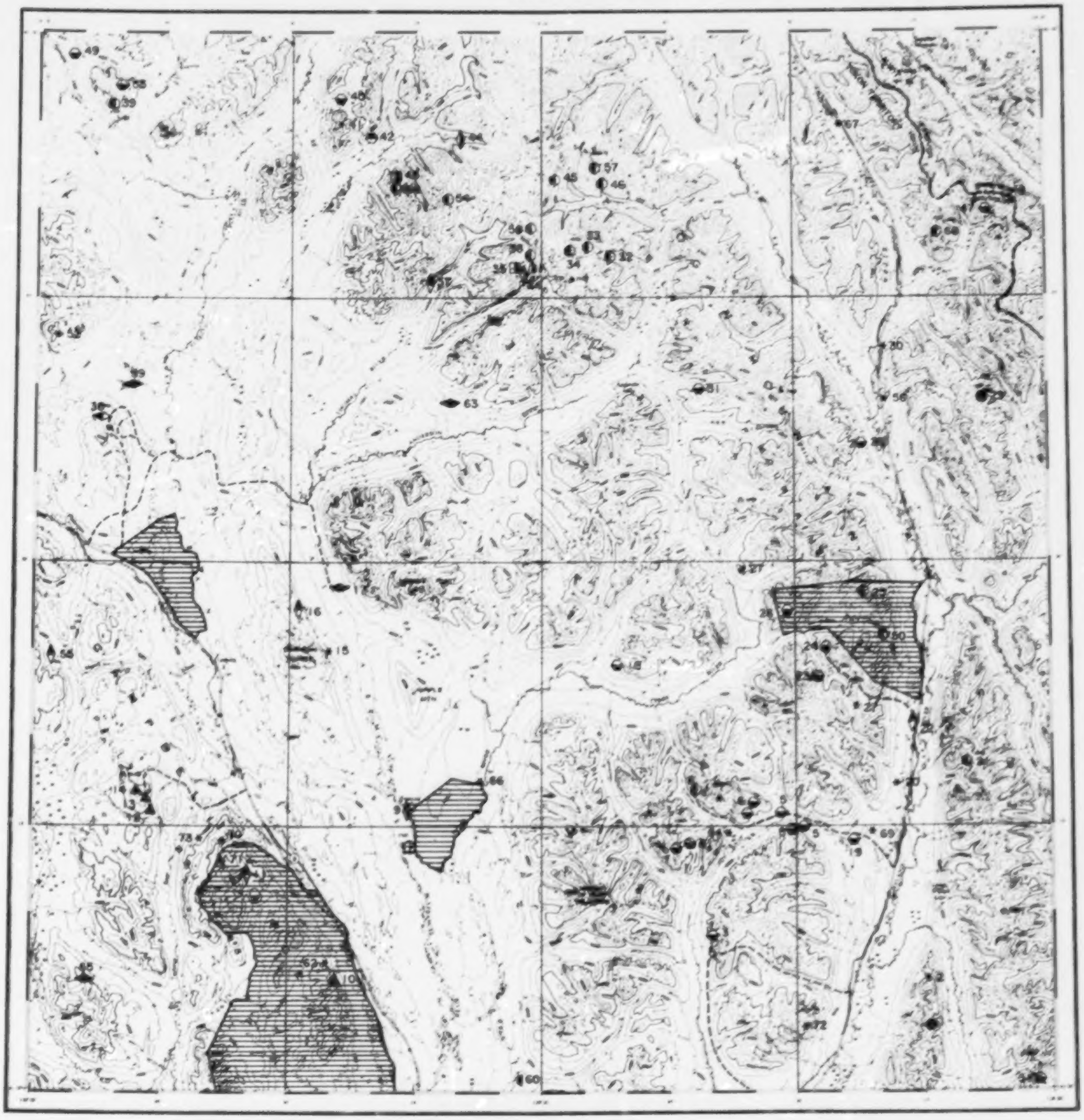
Claims: SARAH 3-6

74. HOOLE

Welcome North Mines Ltd
105 G 12
61°34'N, 131°42'W

Claims: HOOLE 1-200

105 H



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FRANCES LAKE
YUKON TERRITORY

▨ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

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Kilometres

- - - - - Tote Trail
——— Driveable Road
▬ A Airstrip

FRANCES LAKE MAP-AREA (NTS 105 H)

General Reference: GSC Map 6-1966 by S.L. Blusson, 1966.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERNCE
1	JAN	Skarn Au Cu	105 H 1	7	INAC (1983, p. 131)
2	MIDAS	Work Target	105 H 1	9	INAC (1982, p. 139-140, 145)
3	FLIP (MTB)	Skarn Ag Pb Zn Cu W	105 H 2	6	INAC (1981, p. 185);
4	OC	Skarn Zn Pb (Ag Sn)	105 H 2	7	Green (1966, p. 72)
5	MIKO	Skarn Pb Zn Ag	105 H 7	5	INAC (1982, p. 140)
6	GLENNA	Skarn Ag Pb Zn Cu	105 H 7	6	INAC (1982, p. 141)
7	STEELE	Work Target	105 H 7	9	Sinclair and Gilbert (1975, p. 81-82)
8	RIETA (MAX)	Skarn W	105 H 7	7	INAC (1985, p. 180)
9	FRANCES	Vein Cu	105 H 6	7	
10	LIND	Asbestos	105 H 3	7	INAC (1983, p. 131, 133)
11	DOUG	Vein Cu	105 H 4	7	
12	TUCHITUA	Asbestos	105 H 5	7	INAC (1981, p. 185)
13	EKO (GREEN STUFF)	Asbestos	105 H 5	7	Morin et al (1977, p. 209); INAC (1987, p. 241)
14	DIM	Asbestos	105 H 5	7	
15	MAY	Work Target	105 H 6	9	Green (1966, p. 72)
16	MAPEL	Vein Cu Pb Zn	105 H 6	7	
17	MATT BERRY	Stratabound Concordant Pb Zn Ag	105 H 6	5	INAC (1982, p. 141); This Report
18	FLUKE	Skarn Pb Zn Ag W	105 H 7	7	INAC (1981, p. 186)
19	CANYON	Skarn Ag Pb Zn	105 H 1	7	INAC (1983, p. 131-132)
20	STU	Work Target	105 H 8	9	Blusson (1966)
21	TERRY	Skarn W	105 H 8	7	INAC (1982, p. 145)
22	CORRIE	Vein, Replacement Cu	105 H 8	7	
23	BLACK JACK	Skarn Zn Pb	105 H 8	7	INAC (1982, p. 141-142)
24	FIR TREE	Skarn Zn Pb	105 H 8	7	INAC (1982, p. 141-142)
25	MONTSE	Skarn W	105 H 8	7	
26	RON	Skarn Zn Pb (Ag Sn)	105 H 7	7	Green (1966, p. 68-71); INAC (1982, p. 145)
27	HELEN	Work Target	105 H 7	9	Blusson (1966); INAC, (1982, p. 145)
28	BROD	Skarn Pb Zn Ag	105 H 9	7	INAC (1981, p. 186; 1986, p.99)
29	RAIN	Skarn Cu Fe	105 H 9	6	INAC (1981, p. 188); INAC (1982, p. 145)
30	ROAD	Work Target	105 H 9	9	Green (1968, Figure 1); INAC (1981, p. 188)
31	TOY (REA)	Skarn Ag Pb Zn Cu	105 H 10	7	Morin et al (1977, p. 210)
32	BR	Skarn W Cu	105 H 15	7	
33	TANYA	Skarn W Cu	105 H 15	7	Craig and Milner (1975, p. 117)
34	GUY	Skarn W Cu	105 H 15	7	Green (1968, Figure 1)
35	THOR	Porphyry Mo	105 H 14	7	INAC (1982, p. 142)
36	BROTEN	Skarn W Cu Mo	105 H 14	7	
37	TUSTLES	Vein Cu	105 H 14	7	
38	TED	Stratabound Concordant, Vein Ba, Ag Pb Zn Au	105 H 12	5	INAC (1982, p. 142)
39	NARCHILLA	Skarn W Cu Pb Zn	105 H 13	7	
40	LEE	Skarn Zn Pb (Ag Sn)	105 H 14	7	INAC (1981, p. 188)
41	YUSEZYU	Work Target	105 H 14	9	Blusson (1966)
42	DODGE	Skarn Mo	105 H 14	7	
43	TILLEI	Porphyry Mo W	105 H 14	7	
44	HITCH HIKER	Vein Ag Pb Zn	105 H 14	7	INAC (1987, p. 241)
45	ZEUS	Skarn W Mo	105 H 15	7	INAC (1982, p. 143)
46	CHAP	Skarn W Mo	105 H 15	7	INAC (1982, p. 143)
47	ALM	Skarn Pb Zn	105 H 16	7	
48	BUS	Work Target	105 H 16	9	Skinner (1961, p. 46)
49	TIM	Skarn Pb Zn Cu	105 H 13	7	
50	SUSAN	Skarn W	105 H 8	7	INAC (1982, p. 142)
51	LAN	Skarn Pb Zn Ag	105 H 1	7	INAC (1981, p. 187)
52	TIN	Work Target	105 H 12	9	INAC (1981, p. 187)
53	VIKING	Skarn Ag Pb Zn	105 H 13, 14	7	INAC (1981, p. 187)
54	WOAH	Skarn W	105 H 14	5	INAC (1981, p. 187)
55	JULIA	Vein, Replacement Cu Zn Ag	105 H 5	7	INAC (1982, p. 143)
56	TINY	Work Target	105 H 9	9	INAC (1981, p. 188)
57	AURORA	Skarn W Mo	105 H 15	7	INAC (1982, p. 143)
58	TAI	Skarn W	105 H 14	7	INAC (1981, p. 187)
59	FIN	Stratabound Concordant Pb Zn Ba	105 H 12	7	INAC (1986, p. 98)
60	HAWK	Occurrence W	105 H 3	7	INAC (1982, p. 144)
61	SUZANNE	Skarn Zn Pb (Ag Sn)	105 H 2	7	Morin et al (1977, p. 207)
62	KING ARCTIC	Work Target	105 H 3	9	Morin et al (1977, p. 208)
63	MAXI	Stratabound Concordant Pb Zn Cu Ag (Ba)	105 H 11	7	Morin et al (1980, p. 67-68)
64	ON	Work Target	105 H 2	9	INAC (1982, p. 145)
65	KNEIL	Stratabound Concordant Fe Zn Pb	105 H 4	7	INAC (1983, p. 131-133)
66	TYER	Work Target	105 H 6	9	INAC (1982, p. 145)

67 LYNX	Work Target	105 H 16	9	INAC (1982, p. 145)
68 TUNA	Skarn, Vein W Mo Cu	105 H 16	7	INAC (1983, p. 131, 133)
69 GEL	Work Target	105 H 1	9	INAC (1982, p. 144-145)
70 BEANS	Work Target	105 H 4	9	INAC (1985, p. 180); INAC (1986, p. 99)
71 PICA	Work Target	105 H 4	9	INAC (1985, p. 180)
72 BARKY	Work Target	105 H 1	9	INAC (1986, p. 99)
73 CAMPBELL	Work Target	105 H 4	9	INAC (1987, p. 241)

MATT BERRY
Barytex Resources Corp.
Pulse Resources Ltd

Lead, Zinc, Silver
Stratabound Concordant
105 H 6 (17)
61°28'N, 129°23'W
1987

References: INAC (1982, p. 141)

Source: Summary by T. Bremner of prospectus report 092114 supplied by H.S. Aikins.

Current Work and Results:

In 1987 geochemical and magnetic surveys resulted in the discovery of an anomalous zone 1 km southeast of the main MATT BERRY deposit. The multi-element soil anomaly is 746.7 m long and trends NNW. Anomalous values up to 1.0 g/t Ag, 210 ppm Pb and 576 ppm Zn were recorded compared to average background values in the area of 0.26 g/t Ag, 13.2 ppm Pb and 79.0 ppm Zn.

1. JAN

D. Stewart
105 H 1
61°03'N, 128°15'W

Claims: JAN 1-4

17. MATT BERRY

Pulse Resources Ltd
105 H 6
61°28'N, 129°20'W

Claims: BETH 2, 4-27

29. RAIN

D. Brownlee
105 H 9
61°39'N, 138°06'W

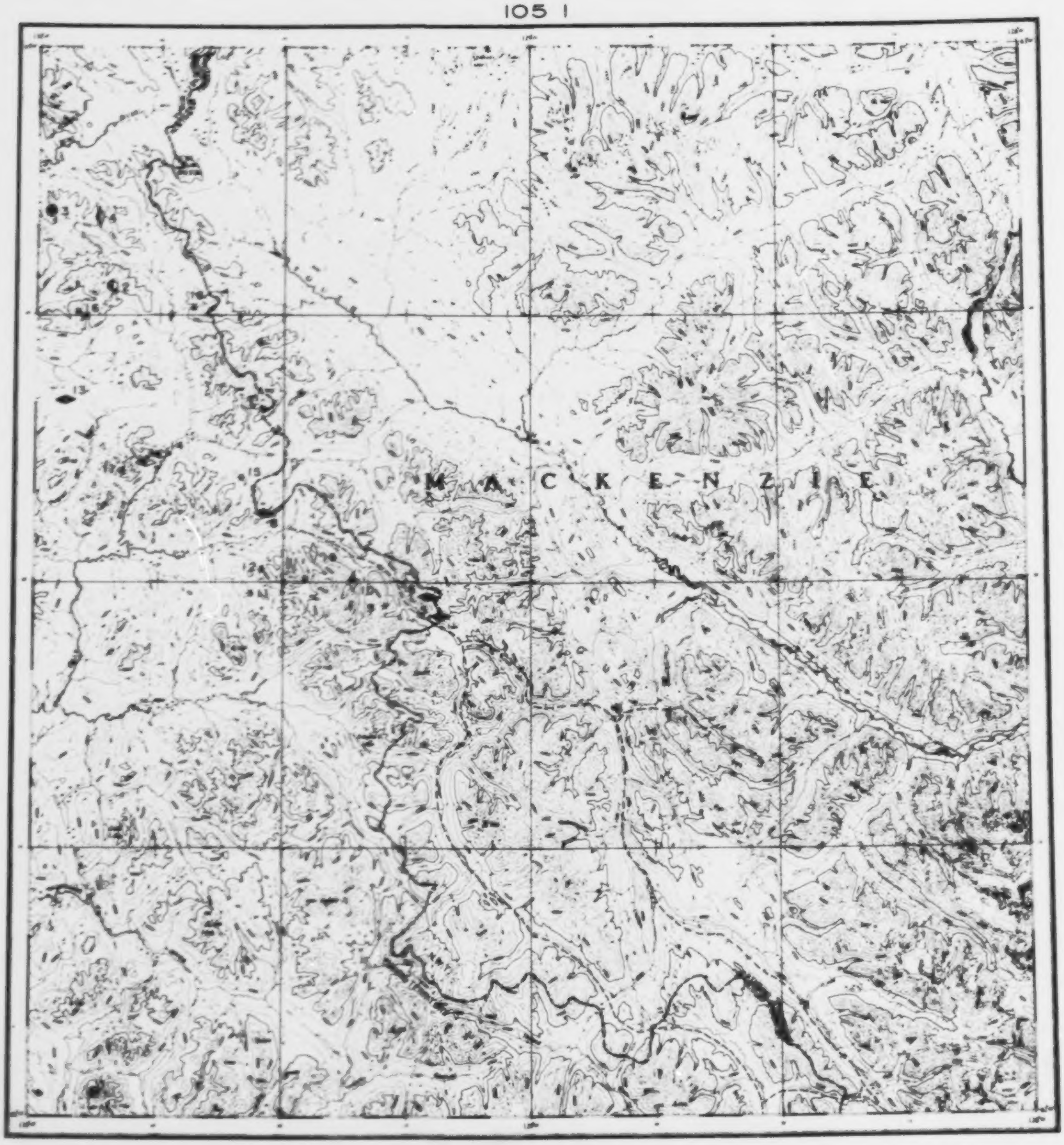
Claims: SUN 9-10

40. LEE

R. Schmidt, D. Hopkins
105 H 14
61°56'N, 129°23'W

Claims: ORO 1-8, D.G. 1-4

105 I


MACKENZIE
Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
5 0 5 10 15 20 25 30
Kilometres
Tote Trail
Driveable Road
A Airstrip

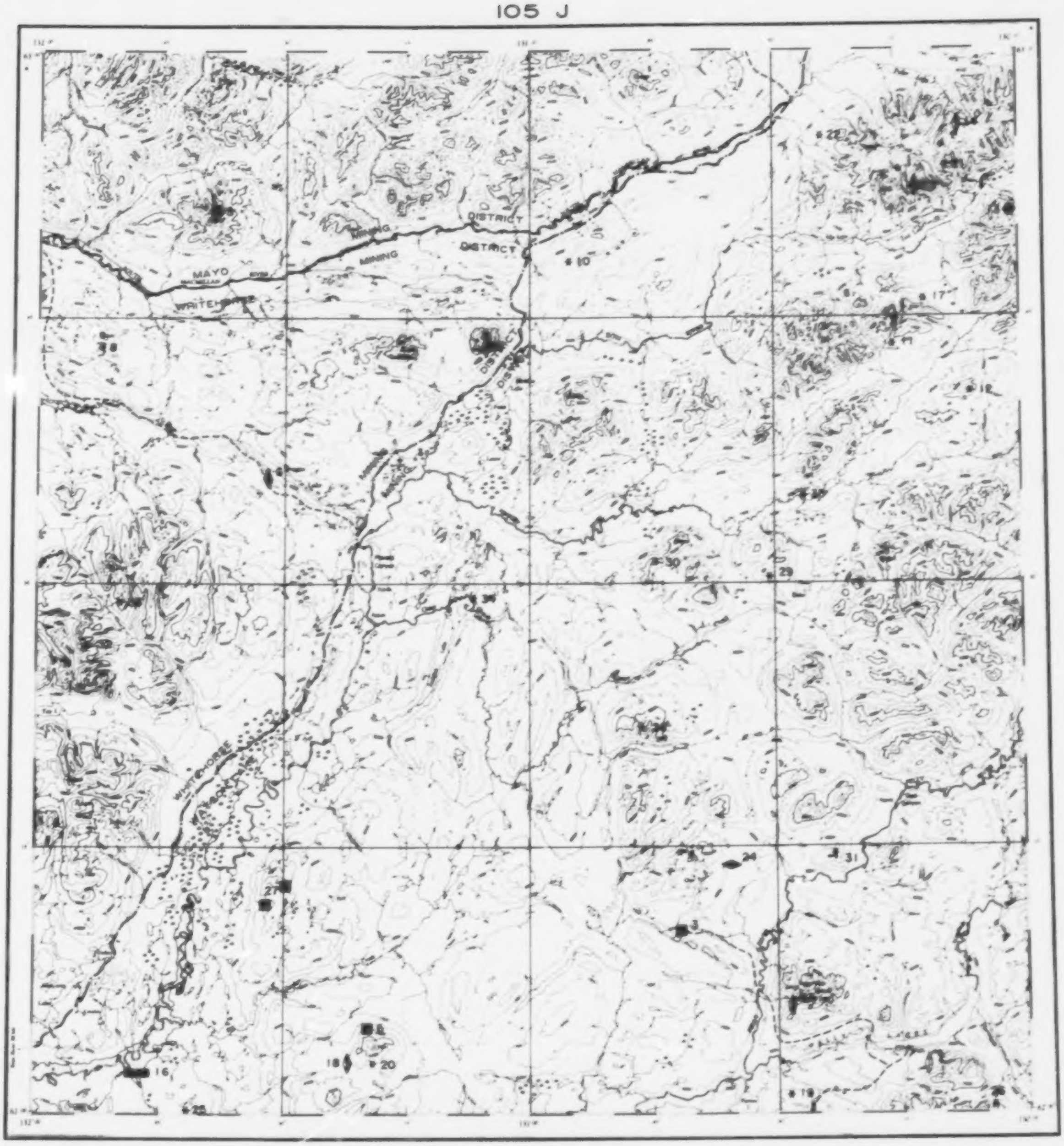
NAHANNI
YUKON TERRITORY

NAHANNI MAP-AREA (NTS 105 I)

General References: GSC Open Files 780 and 689 by S.P. Gordey, 1981.
GSC Geochem Open File 868.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	NAR	Vein, Skarn Cu Pb Ag Zn	105 I 4	7	
2	OMO (CLEA)	Skarn W Cu Zn	105 I 13	6	INAC (1982, p. 147); Saxby (1985)
3	BIRR (BEE)	Skarn Cu Fe	105 I 13	7	Findlay (1969b, p. 50)
4	SEL	Vein Au	105 I 13	7	INAC (1985, p. 183)
5	HOWARD'S PASS	Stratabound Concordant Pb Zn Ag	105 I 6	2	Goodfellow et al (1983); Norford and Orchard (1985); Jonasson and Goodfellow (1986); Goodfellow and Jonasson (1986); INAC (1987, p. 243-244)
6	SHEILD	Stratabound Concordant Pb Zn	105 I 6	7	Sinclair et al (1975, p. 160-161)
7	ORO	Stratabound Concordant Ba	105 I 12	7	Sinclair and Gilbert (1975, p. 96-98)
8	WISE	Stratabound Concordant Pb Zn Ag	105 I 12	7	
9	WINKIE (ROSS)	Work Target	105 I 6	9	Sinclair et al (1975, p. 161-162); INAC (1983, p. 135)
10	NESS (MAD)	Vein Cu	105 I 6	7	Sinclair and Gilbert (1975, p. 96-97)
11	DIANNE	Work Target	105 I 5	9	
12	RITZ	Work Target	105 I 12	9	INAC (1981, p. 190)
13	ABBEY	Stratabound Concordant Pb Zn	105 I 12	6	INAC (1981, p. 190)
14	TANG	Stratabound Concordant Ba	105 I 12	7	Morin et al (1979, p. 92)
15	OHNO	Work Target	105 I 12	9	Morin et al (1980, p. 69)
16	ROOK	Work Target	105 I 13, 12	9	Morin et al (1980, p. 70)
17	FAST	Work Target	105 I 12	9	INAC (1983, p. 135)
18	SAND	Work Target	105 I 12, 13	9	INAC (1985, p. 183-184)
19	SURF	Vein W	105 I 6	7	

105 J


MAYO
WHITEHORSE
MINING
DISTRICT
MINING
DISTRICT
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SHELDON LAKE

YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

5 0 5 10 15 20 25 30
Kilometres

- - - - - Tote Trail

——— Driveable Road

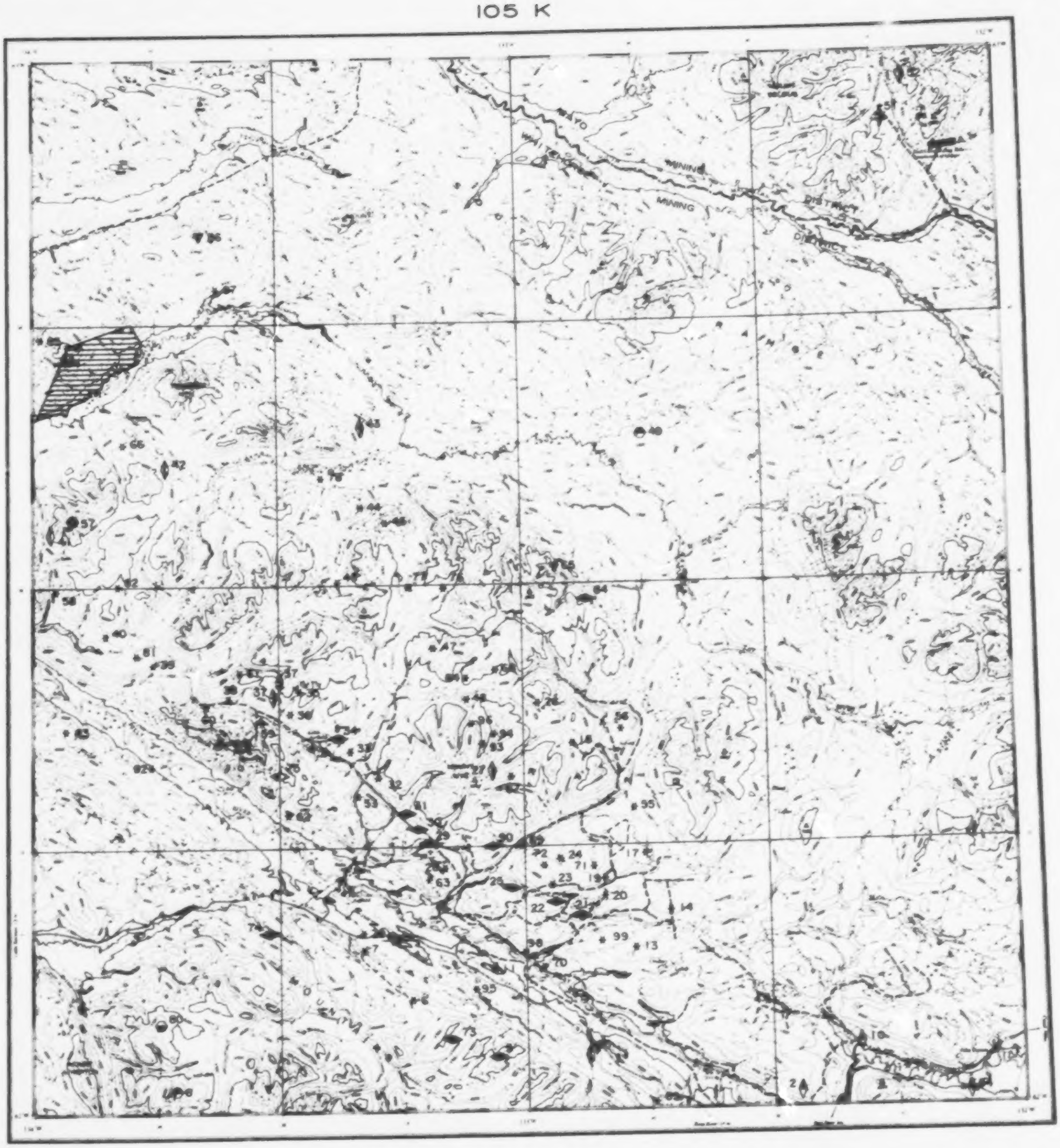
▬ A Airstrip

SHELDON LAKE MAP-AREA (NTS 105 J)

General References: GSC Map 12-1961 by J.A. Roddick and L.H. Green, 1961;
GSC Open File 212 by D.J. Tempelman-Kluit, 1974.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	FULLER	Deleted: no information			
2	BILL	Vein Pb Zn	105 J 1	7	Findlay (1969a, p. 81)
3	PIKE	Porphyry Cu Ag	105 J 2	2	INAC (1982, P. 149);
4	NORKEN	Work Target	105 J 2	9	Sinclair et al (1976, p. 169)
5	TAC	Porphyry Cu Mo	105 J 3	7	
6	DRAGON	Skarn, Vein Au Ag	105 J 12	7	INAC (1986, p. 105)
7	MT. SHELDON	Vein Cu	105 J 11	7	Kindle (1945, p. 25)
8	RIDDELL	Work Target	105 J 12	9	Craig and Milner (1975, p. 105-106)
9	SPEARHEAD (PDM)	Skarn Cu Fe	105 J 13	7	Craig and Milner (1975, p. 33)
10	ROG	Work Target	105 J 15	9	Craig and Milner (1975, p. 123)
11	CLYDE	Work Target	105 J 9	9	Craig and Laporte (1972, p. 128)
12	PREVOST	Work Target	105 J 9	9	Sinclair and Gilbert (1975, p. 118-119); INAC (1981, p. 195)
13	GUN	Skarn Cu Fe	105 J 16	7	Findlay (1969b, p. 166-167); INAC (1981, p. 151); Gareau (1986)
14	ITSI	Vein Ag Pb Zn Cu As Sn	105 J 16	5	INAC (1981, p. 193)
15	COSTIN	Vein Ag Pb Zn	105 J 16	7	
16	CAROLYN	Coal	105 J 4	7	
17	VARISCITE (MS)	Work Target	105 J 16	9	Sinclair et al (1975, p. 166-167)
18	HENCH	Vein Pb Zn Ag	105 J 3	7	INAC (1981, p. 193)
19	PPR	Work Target	105 J 1	9	INAC (1981, p. 195)
20	CLINGON	Work Target	105 J 3	9	INAC (1981, p. 195)
21	WILSON	Work Target	105 J 16	9	INAC (1981, p. 194)
22	EMPTY	Work Target	105 J 16	9	INAC (1981, p. 194)
23	TRAFFIC	Vein Ag Pb Zn Cu	105 J 1	7	INAC (1981, p. 194)
24	PIG	Stratabound Concordant Pb Zn Cu Ag	105 J 2	7	Morin et al (1979, p. 93)
25	BOJO	Work Target	105 J 4	9	Morin et al (1980, p. 71)
26	LH	Work Target	105 J 1	9	INAC (1982, p. 151)
27	AM	Porphyry Cu Mo	105 J 4	7	INAC (1983, p. 137-139)
28	SHERPA	Work Target	105 J 7	9	INAC (1982, p. 150, 151)
29	DYAK	Work Target	105 J 9, 10	9	INAC (1982, p. 150, 151)
30	RUDY	Work Target	105 J 10	9	INAC (1983, p. 137, 139)
31	GREGGIE	Work Target	105 J 1	9	INAC (1982, p. 150-151)
32	RAGS	Work Target	105 J 5	9	INAC (1985, p. 188)
33	WENDY	Work Target	105 J 5	9	INAC (1985, p. 187)
34	NARL	Work Target	105 J 6, 11	9	INAC (1986, p. 105)
35	LIBERAL	Work Target	105 J 9	9	INAC (1987, p. 247)

105 K


MAYO
MINING
DISTRICT
MINING
DISTRICT

TAY RIVER

YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

5 0 5 10 15 20 25 30
Kilometres

- - - - - Tote Trail.

——— Driveable Road.

▬ A Airstrip.

TAY RIVER MAP-AREA (NTS 105 K)

General References: GSC Map 13-1961 by J.A. Roddick and L.H. Green, 1961;
GSC Open File 212 by D.J. Tempelman-Kluit, 1974.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	TENAS	Work Target	105 K 1	9	INAC (1982, p. 154)
2	RAGS (ROSS RIDGE)	Vein Cu	105 K 1	7	Johnston (1936, p. 18)
3	PEN	Deleted: no information			
4	OLGIE (TER)	Work Target	105 k 2	9	Sinclair et al (1976, p. 114)
5	FARGO	Stratabound Concordant Pb Zn	105 K 3	7	Morin et al (1979, p. 64)
6	LYN	Work Target	105 K 3	9	INAC (1981, p. 197)
7	CASCA (RIDGE)	Work Target	105 K 3	9	Sinclair et al (1975, p. 135-136)
8	THOMAS	Skarn Zn	105 K 4	7	
9	TAKU	Deleted: no information			
10	NESBITT	Vein, Replacement Cu	105 K 1	7	This Report
11	BOBCAT	Limestone	105 K 3	7	
12	HOLLY	Deleted: no information			
13	SOCK	Work Target	105 K 2	9	Findlay (1967, p. 36); INAC (1983, p. 141, 145)
14	SPUR	Work Target	105 K 2	9	Findlay (1969a, p. 47-48)
15	ADAMSON	Work Target	105 K 7	9	Tempelman-Kluit (1968, p. 43-52); Sinclair et al (1975, p. 132)
16	BETA	Deleted: no information			
17	BLIND (FOTO)	Work Target	105 K 2	9	Findlay (1967, p. 40-41); Sinclair and Gilbert (1975, p. 54)
18	CUB	Deleted: no information			
19	NASTY	Work Target	105 K 2	9	Green (1965, p. 36-37); Craig and Milner (1975, p. 92-93)
20	ABRAHAM	Work Target	105 K 2	9	Craig and Milner (1975, p. 92-93)
21	SEA	Stratabound Concordant Pb Zn Ag	105 K 2	7	Green (1965, p. 36-37); INAC (1982, p. 18, 154-155); Jennings and Jilson (1986)
22	BS	Stratabound Concordant Pb Zn Cu Ag (Ba)	105 K 2	7	Sinclair and Gilbert (1975, p. 58)
23	BLACKWOOD (CIVI)	Work Target	105 K 2	9	Morin et al (1977, p. 155)
24	BEA (FOX)	Work Target	105 K 2	9	Findlay (1969a, p. 46-47)
25	SWIM	Stratabound Concordant Pb Zn Ag	105 K 3, 2, 6, 7	2	INAC (1982, p. 18, 154-155); Jennings and Jilson (1986); Shanks et al (1987)
26	O'CONNOR	Work Target	105 K 7	9	Findlay (1967, p. 39-40)
27	MUR	Vein Ag Pb Zn	105 K 6	7	INAC (1987, p. 255)
28	SHRIMP	Work Target	105 K 3	9	Green (1965, p. 37-38)
29	VANGORDA	Stratabound Concordant Pb Zn Ag	105 K 6	2	Tempelman-Kluit (1972, p. 46-47); Jennings and Jilson (1986); Shanks et al (1987)
30	GRUM	Stratabound Concordant Pb Zn Ag	105 K 6	7	INAC (1983, p. 141-142); Jennings and Jilson (1986) Shanks et al (1987)
31	KULAN	Stratabound Concordant Pb Zn Cu Ag (Ba)	105 K 6	7	Tempelman-Kluit (1972, p. 32)
32	RR	Work Target	105 K 3	9	This Report
33	LOKO	Work Target	105 K 6	9	Morin et al (1977, p. 161)
34	FARO	Stratabound Concordant Pb Zn Ag	105 K 6	1	INAC (1986, p. 111); Jennings and Jilson (1986) Shanks et al (1987)
35	FLAGSTONE	Work Target	105 K 6	9	
36	BRIDEN	Work Target	105 K 6	9	Findlay (1969a, p. 45)
37	JACOLA (KIM)	Vein Ag Pb Zn	105 K 5, 6	7	Findlay (1969a, p. 45)
38	CROWN	Work Target	105 K 5	9	INAC (1982, p. 155, 158)
39	LORNA	Work Target	105 K 5	9	Morin et al (1979, p. 66)
40	RESERVE	Work Target	105 K 5	9	Craig and Milner (1975, p. 98-99)
41	COWARD	Vein, Replacement Pb Zn	105 K 12	7	
42	COLT	Vein, Replacement Pb Zn	105 K 12	7	INAC (1983, p. 141, 143)
43	OWL	Vein Ag Pb Zn	105 K 11	7	Craig and Laporte (1972, p. 93-94)
44	KEGLOVIC (HAL)	Work Target	105 K 11	9	Sinclair et al (1975, p. 133)
45	IVAN (DANA)	Work Target	105 K 11	9	Sinclair et al (1975, p. 133)
46	SHANNON	Work Target	105 K 11	9	Findlay (1969a, p. 45)
47	REBEL	Work Target	105 K 6	9	Craig and Milner (1975, p. 93-95)
48	KANGAROO	Work Target	105 K 6	9	Sinclair et al (1975, p. 129) INAC (1983, p. 141, 145)
49	TEDDY	Skarn Zn	105 K 10	7	INAC (1987, p. 250-251)
50	SIROLA	Deleted: no information	105 K 2	9	
51	LAD	Vein Ag Pb Zn Cu	105 K 16	7	
52	SOLO	Vein Ag Pb Zn Sn Sb	105 K 16	7	Craig and Laporte (1972, p. 97-98)
53	CESSNA	Work Target	105 K 6	9	
54	CHAPLIN (ARO)	Vein Cu Fe	105 K 1	7	Sinclair et al (1975, p. 137)
55	RUTH	Work Target	105 K 7	9	INAC (1981, p. 198)
56	DOT (TEL)	Work Target	105 K 7	9	INAC (1981, p. 198)
57	BARB	Skarn Cu Zn Ag W	105 K 12	7	INAC (1982, p. 155)
58	FISHHOOK	Work Target	105 K 5, 12	9	INAC (1982, p. 155-156)
59	HEK	Work Target	105 K 5	9	Sinclair et al (1976, p. 118)
60	MULTI	Work Target	105 K 5	9	Sinclair et al (1976, p. 118-119)

61 JOE	Work Target	105 K 5	9	Sinclair et al (1976, p. 120)
62 TSS	Work Target	105 K 6	9	Sinclair et al (1976, p. 120)
63 OG	Work Target	105 K 3	9	Sinclair et al (1976, p. 121)
64 NORK	Stratabound Concordant Pb Zn	105 K 7	7	Sinclair et al (1976, p. 124)
65 ZED	Work Target	105 K 10	9	Sinclair et al (1976, p. 124)
66 LOLO	Work Target	105 K 12	9	Sinclair et al (1976, p. 126)
67 RAZ	Work Target	105 K 6	9	Morin et al (1977, p. 160)
68 MING	Work Target	105 K 6	9	Morin et al (1977, p. 161)
69 CAT	Work Target	105 K 2,3,6,7	9	Morin et al (1980, p. 45); INAC (1986, p. 111)
70 TAR	Work Target	105 K 2	9	Morin et al (1979, p. 63)
71 MM	Work Target	105 K 2	9	INAC (1983, p. 141, 143-144)
72 RACHEL	Work Target	105 K 2	9	INAC (1983, p. 141, 143-144)
73 SIR JOHN A	Stratabound Concordant Pb Zn	105 K 3	7	Morin et al (1980, p. 41)
74 DEV	Stratabound Concordant Pb Zn Cu	105 K 4	7	Morin et al (1980, p. 42)
75 URN	Stratabound Concordant Ba	105 K 6	5	INAC (1983, p. 141, 144)
76 KD	Work Target	105 K 6, 11	9	Morin et al (1980, p. 44)
77 COM	Work Target	105 K 6, 11	9	Morin et al (1979, p. 68)
78 IRMA	Work Target	105 K 11	9	Morin et al (1979, p. 68)
79 LOU	Work Target	105 K 3	9	Morin et al (1980, p. 41)
80 MAY	Skarn Zn Pb (Ag Sn)	105 K 4	7	Morin et al (1980, p. 42)
81 EVA	Work Target	105 K 5	9	Morin et al (1980, p. 43)
82 LU	Work Target	105 K 12	9	Morin et al (1980, p. 43-44)
83 BEYON	Work Target	105 K 5	9	INAC (1986, p. 110)
84 FOO	Work Target	105 K 6	9	INAC (1983, p. 141, 144)
85 WAD	Work Target	105 K 12	9	INAC (1983, p. 141, 144-145)
86 LADY DI	Stratabound Discordant Pb Zn Ag	105 K 13	7	INAC (1983, p. 141, 145)
87 CHUCK	Work Target	105 K 13	9	INAC (1982, p. 156)
88 GREW CREEK	Vein/Breccia Au	105 K 2, 3 105 F 15, 16	5	Duke and Godwin (1986); INAC (1987, p. 251-253)
89 HELL	Deleted: same as #70, TAR			
90 DY	Stratabound Concordant Pb Zn Ag	105 K 3, 6	2	Tempelman-Kluit (1972); INAC (1983, p. 143); Jennings and Jilson (1986)
92 LYON	Work Target	105 K 5	9	INAC (1987, p. 253-254)
93 CODY	Work Target	105 K 6	9	INAC (1987, p. 255)
94 TRUMP	Work Target	105 K 6	9	INAC (1987, p. 254)
95 WHP	Work Target	105 K 3	9	This Report
96 RUBY	Work Target	105 K 6	9	This Report
97 RAN	Work Target	105 K 2, 3, 4, 5	9	This Report
98 PELLY	Work Target	105 F 15	9	This Report
99 POO	Work Target	105 K 2	9	This Report

RR
Curragh Resources Inc.

Work Target
105 K 6 (32)
62°18'N, 133°17'W
1987

References: No previous reference

Claims: RR 1-3

Source: Summary by T. Bremner of assessment report 092101 by L.C. Pigage.

History:

The claims were staked in 1984, on trend with known stratiform massive sulphide deposits in the Anvil District.

Description:

The property lies immediately west of the Anvil Batholith and is underlain by three mappable units of the Lower Cambrian Mt. Mye Formation. In order from structurally lowest to highest these are: an interlayered unit of marble, calc-silicate and biotite schist, a non-calcareous muscovite-biotite schist unit and a unit of massive marble.

Current Work and Results:

Three days of detailed lithologic and structural mapping were done in 1987 and a petrographic study was made. The three map units units form a southwest-dipping homoclinal sequence 520 m thick. Petrographic comparisons show that the calc-silicate and marble map units correlate with the lower part of the Mt. Mye Formation. Rocks belonging to the upper part of the Mt Mye formation which host massive sulphide deposits in the area do not appear to be present on the property.

LAD
CIMA Resources Ltd

Silver, Lead, Zinc, Copper
Vein
105 K 16 (51)
62°68'N, 132°14'W
1977

References: No previous reference

Claims: LAD 11-12, 19-26, 47-62, 65-75, 88, 90, 100, 102, 114

Source: Summary by T. Bremner of assessment report 091710 by W.S. Read.

Description:

Pyrrhotite, pyrite, galena, sphalerite and chalcopyrite occur in two parallel veins within a fault zone crosscutting quartzite.

Current Work and Results:

In 1977, the veins were explored by two diamond drillholes totalling 252.1 m. The upper vein returned 135 g/t Ag, 5.25% Pb and 4.7% Zn over 1.2 m. The lower vein returned 47.3 g/t Ag, 0.39% Pb and 1.63% Zn over 2.1 m.

TAR
Ezee Golds Ltd

Work Target
105 K 2 (70)
62°01'N, 132°44'W
1987

References: INAC (1985, p. 193)

Claims: TAR 4-8; HELL 5-8; ERN 1-4

Source: Summary by W.P. LeBarge of assessment report 091733 by S.B. Cheeseman.

History:

The claims were staked in 1983 by E. Wagantall. No previous activity is known.

Description:

The claims lie in a graben along the Tintina fault and are probably underlain by Eocene felsic volcaniclastic rocks.

Current Work and Results:

In 1987 one diamond drill hole was drilled to a depth of 57.3 metres, intersecting a crystal lithic felsic tuff with intermittent iron staining, clay alteration and silicification. A trace of gold was detected.

GREW CREEK
Noranda Exploration Co. Ltd

Gold vein/breccia
105 K 2,3,10; 105 F 15 (88)
62°03'N, 132°50'W
1987

References: Duke and Godwin (1986); INAC (1987, p. 251-252)

Claims: CANYON 37-90, 98, 100, 102, 104, 216, 218-222, 301-347; GRAND 1-136, 138-162

Source: Summary of T. Bremner of assessment reports 092002 and 092099 by H. Copland.

Current Work and Results:

An airborne geophysical survey was flown in 1987, followed by ground magnetometer and IP surveys, soil geochemistry and diamond drilling. Magnetic data outlined a number of faults or cross fractures trending approximately 350° to 010° which show up as strong lineaments on aerial photographs.

5. FARGO

J. Murnion
105 K 3
62°07'N, 133°20'W

Claims: JUSTON 1-14, CRAIG 1-8

6. LYN

J. Murnion
105 K 3
62°09'N, 133°15'W

Claims: FUD 1-9

7. CASCA (RIDGE)

Dominion Explorers Inc.
105 K 3
62°09'N, 133°18'W

Claims: JWM 1-16

37. JACOLA

Curragh Resources Ltd
105 K 6
62°24'N, 133°30'W

Claims: R.V. 1-165

40. RESERVE

B. Kelhert,
Selmane Resources Corp.
105 K 5
62°27'N, 133°51'W

Claims: LAR 1-16, AL 1-16

73. SIR JOHN A

EZEE Golds Ltd,
Dominion Explorers Inc.
105 K 3
62°05'N, 133°12'W

Claims: CES 1-28, MARY 1-57, ABE 1-35,
VERLE 1-4, KELSEY 1-95

88. GREW CREEK

Noranda Exploration Co. Ltd.
105 K 2, 3
62°07'N, 133°03'W

Claims: CAN 1-110, 113-147, 149

95. WHP

W. Pinkenburg
105 K 3
62°07'N, 133°06'W

Claims: WHP 1-8

96. RUBY

B. Lueck
105 K 6
62°22'N, 133°06'W

Claims: RUBY 1-20

97. RAN

G. Clark
105 K 2, 3, 4, 5; 105 F 15
62°14'N, 133°30'W

Claims: RAN 1-146, 153-197, 199-535, 537-557,
559-799, 801-870, 881-1040

98. PELLY

F. Charlie, A. John
105 K 2
62°08'N, 132°59'W

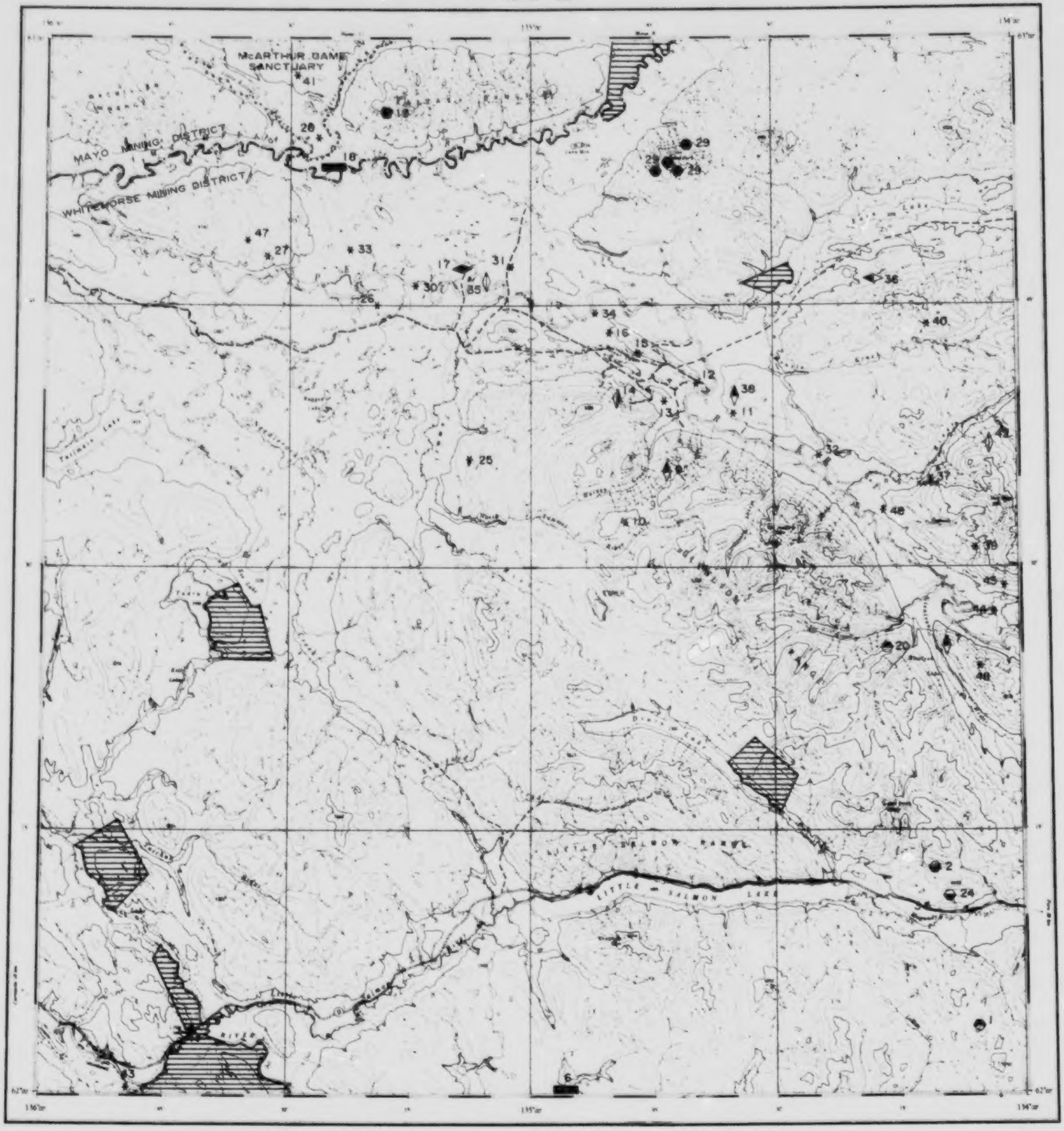
Claims: PELLY 1-18

99. POD

Curragh Resources Ltd
105 K 2
62°09'N, 132°51'W

Claims: POD 1-107

105 L


McARTHUR GAME SANCTUARY
MAYO MINING DISTRICT
WHITEHORSE MINING DISTRICT
LITTLE SALMON RANGE
LITTLE SALMON LAKE
RIVER
135°00'
62°00'
63°00'
136°00'
134°00'
41
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GLENYON

YUKON TERRITORY

▨ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

5 0 5 10 15 20 25 30
Kilometres

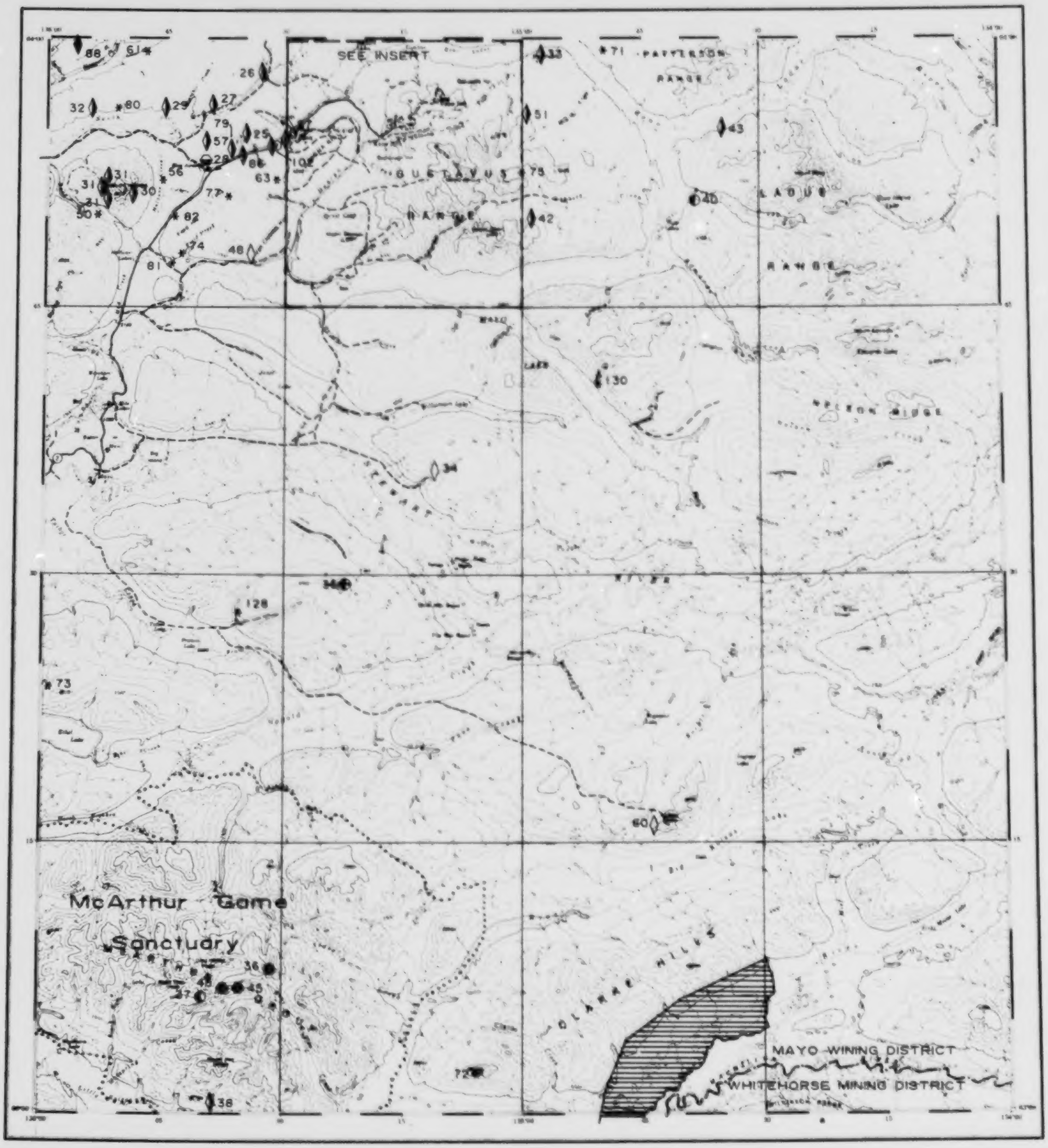
- - - - - - Tote Trail.
——— Driveable Road.
▬ A Airstrip.

GLENLYON MAP-AREA (NTS 105 L)

General Reference: GSC Map 1221A and Memoir 352 by R.B. Campbell, 1967.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	LOKKEN	Skarn Zn	105 L 1	7	
2	LITTLE SALMON	Skarn Zn Pb (Ag Sn)	105 L 1	7	Green (1965, p. 38-40)
3	MOULE	Work Target	105 L 1	9	Campbell (1967, p. 81); INAC (1982, p. 163)
4	TRUITT	Deleted: no information			
5	BRANDY	Work Target	105 L 2	9	Campbell (1967, p. 81)
6	JUMPONT	Coal	105 L 2	7	Craig and Laporte (1972, p. 156)
7	GLENLYON LAKE	Vein Cu Pb	105 L 8	7	
8	HODDER	Deleted: no information			
9	HARVEY	Vein Cu	105 L 10	7	Johnston (1936, p. 18)
10	TUMMEL	Work Target	105 L 10	9	Campbell (1967, p. 81)
11	MUIR	Work Target	105 L 10	9	INAC (1981, p. 200)
12	HUB	Work Target	105 L 10	9	Findlay (1969b, p. 28-29); INAC (1983, p. 147, 150)
13	SEARFOSS	Work Target	105 L 10	9	Findlay (1969b, p. 28-29)
14	FRONT	Vein Cu Ag	105 L 10	7	
15	GE	Work Target	105 L 10	9	INAC (1981, p. 200)
16	McCOWAN	Work Target	105 L 10	9	Findlay (1969b, p. 28-29)
17	CLEAR LAKE	Stratabound Concordant Pb Zn Ag Ba	105 L 14	6	INAC (1986, p. 114) Grapes (1987); Morin in INAC 1981, p. 85-90)
18	DUO	Coal	105 L 14	7	
19	MACARTHUR	Skarn Mo Cu W	105 L 14	7	INAC (1983, p. 147-148);
20	FELIX	Skarn Zn	105 L 8	7	Sinclair et al (1976, p. 126)
21	KELLY	Deleted: no information			
22	TREDGER	Deleted: no information			
23	CONWEST	Deleted: no information			
24	DRURY	Skarn Zn Pb Ag	105 L 1	7	INAC (1983, p. 147-149)
25	PETER	Work Target	105 L 11	9	INAC (1981, p. 201)
26	GRAF	Work Target	105 L 11, 14	9	INAC (1981, p. 201)
27	HUGH	Work Target	105 L 13	9	INAC (1981, p. 201)
28	HANK	Work Target	105 L 14	9	INAC (1981, p. 201-202)
29	ONE HUMP	Skarn Cu W, Stratabound Concordant Ba, Vein Ag Pb Zn	105 L 15	5	INAC (1985, p. 196-197)
30	TUM	Work Target	105 L 14	9	INAC (1985, p. 197)
31	PELLY	Work Target	105 L 14	9	INAC (1981, p. 202)
32	SAP	Work Target	105 L 9	9	INAC (1981, p. 202)
33	RSVP	Work Target	105 L 14	9	INAC (1981, p. 202)
34	WHIP	Work Target	105 L 10	9	INAC (1981, p. 202)
35	HACHEY	Vein, Replacement Pb Zn Cu	105 L 14	7	
36	JAR	Stratabound Concordant Ba	105 L 16	7	INAC (1983, p. 147, 149)
37	LOBO	Work Target	105 L 9	9	Sinclair et al (1976, p. 127)
38	END	Vein Cu	105 L 10	7	Sinclair et al (1976, p. 128)
39	AM-PM	Work Target	105 L 9	9	Morin et al (1980, p. 45)
40	RABBIT	Work Target	105 L 9	9	INAC (1985, p. 197)
41	BUM	Work Target	105 L 14	9	INAC (1985, p. 197-198);
42	SUE	Vein, Replacement Pb Zn	105 L 9	7	INAC (1985, p. 198)
43	DAMBUSTER	Work Target	105 L 4	9	INAC (1985, p. 198)
44	MARK	Work Target	105 L 8	9	INAC (1985, p. 198)
45	TAY	Work Target	105 L 8 105 K 5	9	INAC (1985, p. 198)
46	AM	Work Target	105 L 9	9	INAC (1985, p. 198)
47	GAL	Work Target	105 L 13	9	INAC (1987, p. 258)
48	LEN	Work Target	105 L 8	9	INAC (1987, p. 258-259)

105 M


SEE INSERT
PATTERSON RANGE
GUSTAVUS RANGE
LADUE RANGE
MAYO LAKE
NELSON RIDGE
STEWART
McArthur Game Sanctuary
CLARKE HILLS
MAYO MINING DISTRICT
WHITEHORSE MINING DISTRICT
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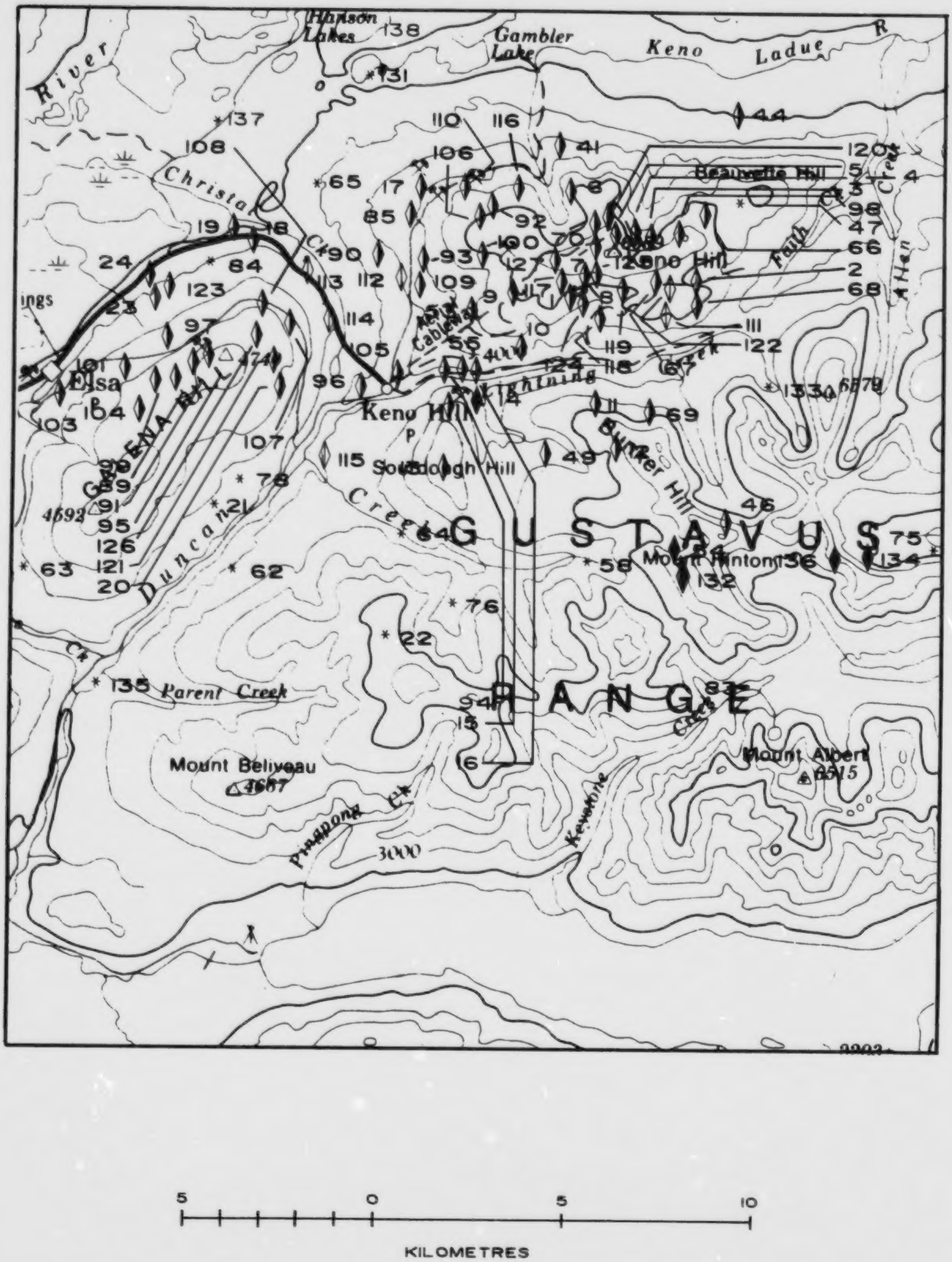
MAYO
YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

5 0 5 10 15 20 25 30
Kilometres

- - - - - - Tote Trail.
———— Driveable Road.
▬ A Airstrip.

105M-14



Hanson Lakes
Gambler Lake
Keno
Ladue
R
River
Christal Ck
Beauvette Hill
Faith Ck
Hell Creek
Keno Hill
Elsa
GALENA HILL
Cable
Lightning Creek
Keno Hill
Sourdough Hill
Bunker Hill
Duncan Creek
GUSTAVUS RANGE
Mount Hinton
Parent Creek
Ck
Mount Beliveau
4687
4747
4692
6579
Mount Albert
6515
Pinapong Ck
Keystone
Creek
3000
5
0
5
10
KILOMETRES

MAYO MAP-AREA (NTS 105 M)

General References: GSC Map 890A by H.S. Bostock, 1947;
Bulletin 111 by R.W. Boyle, 1965;
GSC Open File 710 by M.P. Cecile, 1980;
Watson (1986); Lynch (1986); Franzen (1986).

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	KENO 700	Vein Ag Pb Zn	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 31
2	FAITH	Vein Ag Pb	105 M 14	7	INAC (1981, p. 206; 1987, p. 204-267)
3	DUNCAN	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 56)
4	GOLD QUEEN	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 52); Green (1966, p. 18-19)
5	SILVER BASIN	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 51)
6	NABOB #2	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 51); INAC (1985, p. 209)
7	LADUE FRACTION	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 40)
8	COMSTOCK	Vein Ag Pb Zn	105 M 14	3	Boyle (1965, p. 39, 40, 42); Green (1966, p. 15)
9	APEX	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 42-43)
10	VANGUARD	Vein Ag Pb Zn	105 M 14	4	Boyle (1965, p. 47)
11	HOMESTAKE	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 52-53); Findlay (1967, p. 22)
12	CHRISTINE	Vein Ag Pb Zn	105 M 14	7	Findlay (1969a, p. 25)
13	MO	Vein Ag Pb Zn	105 M 14	7	
14	MAYBRUN	Vein Au Ag	105 M 14	7	INAC (1981, p. 206)
15	HOGAN	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 46-47)
16	RUNER	Vein Ag Pb Zn	105 M 14	4	Boyle (1965, p. 46-47)
17	WERNECKE	Vein Ag Pb Zn	105 M 14	7	Findlay (1969a, p. 12)
18	FORMO (YUKENO)	Vein Ag Pb Zn	105 M 14	3	INAC (1982, p. 167; 1986, p. 123)
19	PADDY	Vein Ag Pb Zn	105 M 14	3	Craig and Laporte (1972, p. 14)
20	EAGLE	Vein Ag Pb Zn	105 M 14	5	INAC (1981, p. 206)
21	FISHER	Work Target	105 M 14	9	INAC (1981, p. 207; 1986, p. 124)
22	PARENT	Work Target	105 M 14	9	INAC (1982, p. 169)
23	CREAM AND JEAN	Vein Ag Pb Zn	105 M 14	4	Boyle (1965, p. 78)
24	NORD	Vein Ag Pb Zn	105 M 14	7	Craig and Laporte (1972, p. 13-14)
25	GERLITZKI	Vein Ag Pb Zn	105 M 13	7	INAC (1987, p. 268)
26	UR	Vein Ag Pb Zn	105 M 13	7	Green and Godwin (1964, p. 13); INAC (1982, p. 165); INAC (1985, p. 209)
27	SHANGHAI	Vein Ag Pb Zn	105 M 13	5	Findlay (1967, p 24-25); INAC (1985, p. 209; 1986, p. 123)
28	WAYNE	Skarn Zn Pb, Vein W Au Ag	105 M 13	6	INAC (1985, p. 202, 206)
29	ARGENT	Vein Ag Pb Zn	105 M 13	7	INAC (1981, p. 211)
30	JOUMBIRA (STREBCHUK)	Vein Ag Pb Cu Sn W	105 M 13	7	INAC (1983, p. 151, 156-157); Emond (1986)
31	MT. HALDANE	Vein Ag Pb	105 M 13	5	INAC (1981, p. 207, 211)
32	LAYSIER	Vein Ag Pb Zn	105 M 13	7	INAC (1987, p. 268-269)
33	COBALT	Vein Ag Pb Zn	105 M 15	7	Green (1971, p. 61)
34	GORDON	Vein Sb Ba Mn	105 M 11	6	Sinclair and Gilbert (1975, p. 16-17);
35	TWO BUTTES	Skarn W	105 M 6	7	Garrett (1971); INAC (1982, p. 167)
36	SIDE SLIP	Skarn Cu	105 M 4	7	
37	PIMA	Skarn W Cu Zn	105 M 4	7	
38	HOT SPRINGS	Vein Ag Pb	105 M 4	7	
39	LOST WERNECKE COPPER	Deleted: apparently still lost			
40	ROOP	Skarn W Cu	105 M 15	7	Little (1959, p. 36-37)
41	MOON	Vein Ag Pb	105 M 14	7	INAC (1982, p. 169);
42	MT. ALBERT	Vein Ag Pb	105 M 15	7	
43	McKIM	Vein Ag Pb	105 M 15	7	
44	NERO	Vein Ag Pb	105 M 14	7	
45	FREISEN	Skarn Cu W Mo Ag Au	105 M 4	7	
46	MT. HINTON	Vein Ag Pb Zn	105 M 14	7	INAC (1987, p. 270-271); This Report
47	AVENUE	Work Target	105 M 14	9	Craig and Milner (1975)
48	CHANCE	Vein Sb	105 M 13	7	
49	YONO	Vein Ag Pb	105 M 14	7	
50	SUNDANCE	Work Target	105 M 13	9	INAC (1981, p. 211)
51	GUSTAVUS	Vein Ag Pb	105 M 15	7	
52	NEWRY	Deleted: no information			
53	CHRISTAL	Vein Ag Pb	105 M 14	7	INAC (1981, p. 208)
54	MCNEILL GULCH (MT. HINTON)	Vein Ag Au	105 M 14	7	P. Watson (pers. comm. 1987)
55	IRONCLAD	Vein Ag Pb Zn	105 M 14	7	This Report
56	SINISTER	Work Target	105 M 13	9	INAC (1981, p. 208); INAC (1983, p. 151, 158)
57	ZAP	Vein Ag Pb Zn	105 M 13	7	INAC (1982, p. 168)
58	W	Work Target	105 M 14	9	INAC (1981, p. 209)
59	AZTEC	Deleted: no information			
60	KALZAS	Vein W	105 M 7	7	INAC (1985, p. 208; 1986, p. 123); Lynch (1985)
61	WEASEL	Work Target	105 M 13	9	INAC (1981, p. 211)

62	FEEBLE	Work Target	105 M 14	9	INAC (1981, p. 211)
63	CLEAVES	Work Target	105 M 13	9	INAC (1981, p. 211)
64	ROSS	Work Target	105 M 14	9	INAC (1981, p. 211); INAC (1982, p. 169)
65	CRO-MUR	Work Target	105 M 14	9	INAC (1981, p. 209)
66	BE NO. 1	Vein Ag Pb Zn	105 M 14	7	INAC (1982, p. 168)
67	BE NO. 2	Vein Ag Pb Zn	105 M 14	7	INAC (1982, p. 168)
68	BE NO. 3	Vein Ag Pb Zn	105 M 14	7	INAC (1983, p. 151, 157)
69	BE NO. 4	Vein Ag Pb Zn	105 M 14	7	INAC (1983, p. 151, 157)
70	DIAMOND	Vein Ag Pb Zn	105 M 14	7	INAC (1981, p. 210; 1986, p. 124)
71	HEART	Work Target	105 M 15	9	Morin et al (1980, p. 8)
72	DOPE	Work Target	105 M 3	9	INAC (1982, p. 168); INAC (1983, p. 151, 157)
73	DRILL	Work Target	105 M 5	9	INAC (1982, p. 169); INAC (1983, p. 151, 157)
74	SWIFT BANANAS	Work Target	105 M 13	9	INAC (1982, p. 169)
75	TUF	Work Target	105 M 15, 14	9	INAC (1982, p. 169)
76	LEETEE	Work Target	105 M 14	9	INAC (1982, p. 169)
77	ISABEL	Work Target	105 M 13	9	INAC (1982, p. 169); INAC (1983, p. 51, 158)
78	GOLDEN DUKE	Work Target	105 M 14	9	INAC (1983, p. 151, 158)
79	LEO	Vein Zn Ag Pb	105 M 13	2	P. Watson (pers. comm. 1987)
80	ARGENT	Work Target	105 M 13	9	INAC (1985, p. 209; 1986, p. 123)
81	NO CREEK	Work Target	105 M 13	9	INAC (1985, p. 209)
82	MAG	Work Target	105 M 13	9	INAC (1986, p. 122)
83	HIKE	Work Target	105 M 14	9	INAC (1985, p. 209)
84	SWENSON LEASES	Work Target	105 M 14	9	INAC (1985, p. 208)
85	SADIE-LADUE	Vein Ag Pb	105 M 14	1	INAC (1985, p. 208-209)
86	SILVER KING	Vein Ag Pb Zn	105 M 13	4	Nat. Min. Inv., 105 M 13, AG 1
87	HUSKY	Vein Ag Pb	105 M 13	1	Nat. Min. Inv., 105 M 13, AG 7
88	REX	Vein Au Ag Pb Sb Zn	105 M 13	5	Nat. Min. Inv., 105 M 13, AG 4
89	RUBY FRACTION	Vein Ag Pb	105 M 14	1	Nat. Min. Inv., 105 M 14, AG 7
90	KLONDYKE-KENO (BLUE ROCK)	Vein Ag Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 8
91	TOWNSITE	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 18
92	HIGHLANDER, CUB & BUNNY	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 13
93	BLACK CAP & SHEPPARD	Vein Ag Pb	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 15
94	BELLEKENO	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 16
95	HECTOR-CALUMET	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 19
96	MOTH	Vein Ag Zn Pb	105 M 14	2	Nat. Min. Inv., 105 M 14, AG 20
97	NO CASH	Vein Ag Pb Zn	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 21
98	CARIBOU	Vein Ag Pb	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 24;
99	BERMINGHAM (ARCTIC & MASTIFF)	Vein Ag Pb	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 25
100	SHAMROCK	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 26;
101	DIXIE	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 29
102	HUSKY SW	Vein Ag Pb	105 M 13	1	P. Watson (pers. comm. 1987)
103	ELSA	Vein Ag Pb Zn	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 32
104	CORAL-WIGWAM	Vein Ag Pb	105 M 14	4	Boyle (1965, p. 63)
105	ONEK	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 33
106	LUCKY QUEEN	Vein Ag Pb Zn	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 34
107	GALKENO	Vein Ag Pb	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 38
108	DRAGON	Vein Ag Pb Zn	105 M 14	5	Nat. Min. Inv., 105 M 14, AG 40
109	CROESUS	Vein Ag Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 42
110	LAKE	Vein Ag Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 44
111	DEVON	Vein Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 28
112	KIJO	Vein Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 45
113	BLUEBIRD	Vein Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 46
114	TIN CAN	Vein Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 47
115	DUNCAN CREEK	Vein Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 48
116	STONE	Vein Ag (Pb Zn)	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 50
117	NO. 1 VEIN FAULT	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 51
118	HELEN FRACTION	Vein Ag Pb (Sb)	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 53
119	GOLD HILL NO. 2	Vein Ag (Pb Zn)	105 M 14	7	Nat. Min. Inv., 105 M 15, AG 54
120	FOX	Vein Ag Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 55
121	"C" STRUCTURE	Vein Ag Pb	105 M 14	4	P. Watson (pers. comm. 1987)
122	DIVIDE	Vein Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 58
123	OK	Vein Ag Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 62
124	PORCUPINE	Vein Ag	105 M 14	2	
125	NABOB	Vein Ag Pb	105 M 14	5	Boyle (1965, p. 40)
126	MCLEOD	Vein Ag Pb	105 M 14	3	Boyle (1965, p. 58)
127	GAMBLER	Vein Ag Pb	105 M 14	5	Nat. Min. Inv., 105 M 14, AG 37
128	WHITEMAN	Work Target	105 M 5	9	INAC (1986, p. 123)
129	GEM	Deleted: same as #128 WHITEMAN			
130	BIRGIT	Work Target	105 M 10	9	INAC (1986, p. 123)
131	SEC	Work Target	105 M 14	9	INAC (1986, p. 124)
132	MT. HINTON NO. 5	Vein Ag Au	105 M 14	6	P. Watson (pers. comm. 1987)
123	MAC	Work Target	105 M 14	9	INAC (1987, p. 273)
134	KAC	Vein Ag Au	105 M 14	7	INAC (1987, p. 271-272)
135	GOLD ROCK	Work Target	105 M 14	9	INAC (1987, p. 273)
136	MT. HINTON DISCOVERY	Vein Ag Au	105 M 14	5	P. Watson (pers. comm. 1987)
137	MARY	Work Target	105 M 14	9	This Report
138	ANN	Work Target	105 M 14	9	This Report

MT. HINTON
Orex Resources Ltd

Silver, Lead, Zinc Vein
105 M 14 (46)
63°52'N, 135°04'W
1987

References: INAC (1987, p. 270-271)

Claims: KAC 2-4; DANA 2-4 JUNE 13-23

Source: Summary by T. Bremner of assessment report 092095 by J.H. Adams.

Current Work and Results:

In 1987, two NQ holes were drilled totalling 146.5 m. DDH MH-87-1 caved at 54.9 m and was re-drilled as DDH MH-87-1a which reached the target depth of 91.6 m. The main lithology seen in drill core consisted of interbedded graphitic schist and graphitic quartzite cut by 2 to 5 metre dykes of foliated quartz diorite with silicified margins. Thin quartz veins and pyritic layers were common in the bottom 28 m of the hole. Samples taken in this lower interval returned only 0.3 - 0.9 g/t Ag and background values of Au.

29. ARGENT

M. Kilby, M. Bashford,
L. Dionne
105 M 13
63°57'N, 135°46'W

Claims: ELSA 1-36

41. MOON

W. Malicky
105 M 14
63°58.5'N, 135°23'W

Claims: MONDAY 5-6

76. LEETEE

R. Quesnel, M. Glynn
105 M 14
63°52'N, 135°16'W

Claims: DUN 1-24, 26

128. WHITEMAN

D. Sabo
105 M 5
63°27'N, 135°35'W

Claims: WHITEMAN 21-36; T-BIRD 1-14

137. MARY

W. Koleba
105 M 14
63°58.5'N, 135°23'W

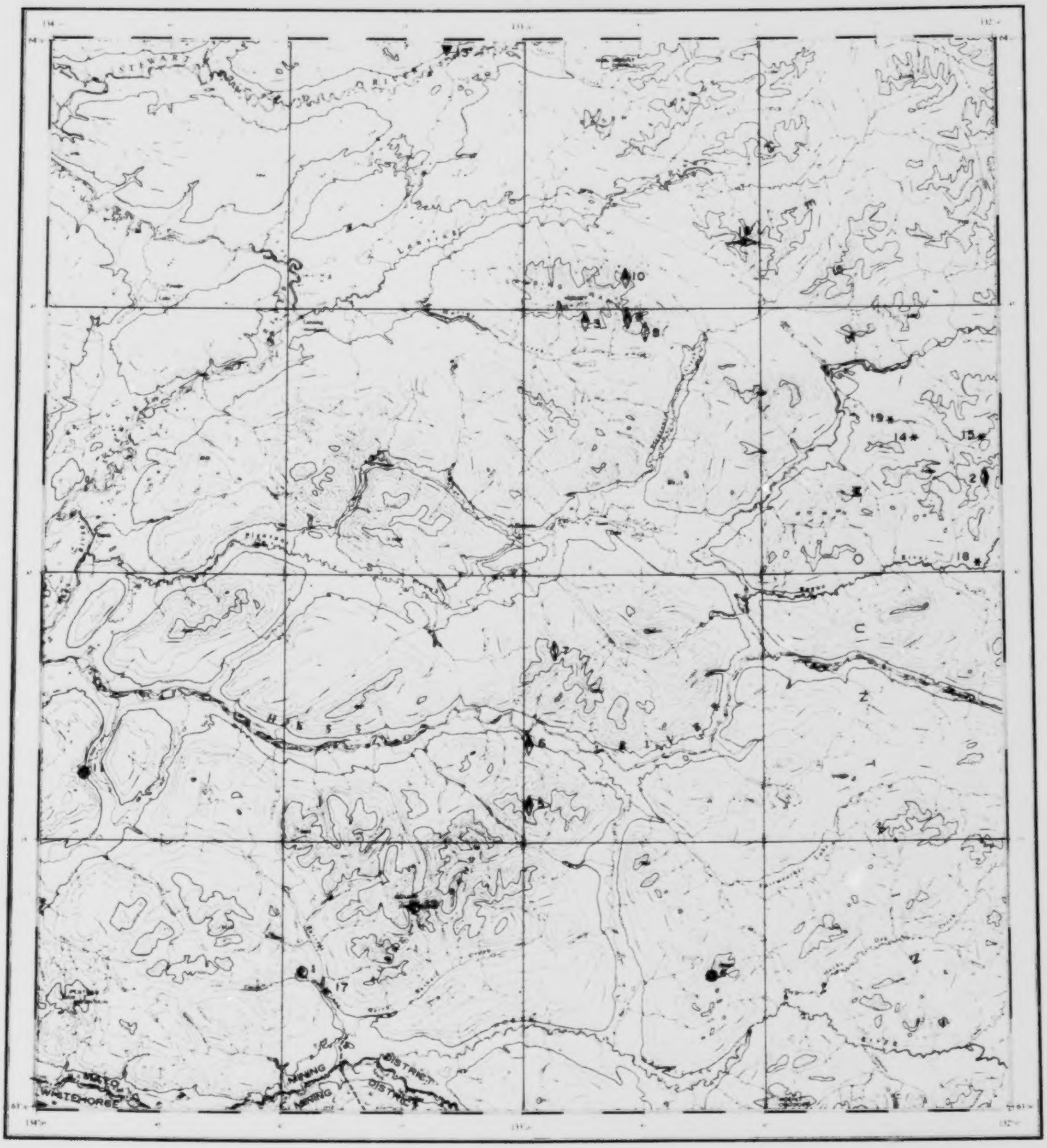
Claims: MARY 1-8

138. ANN

P. Solowonuik
105 M 14, 106 D 3
64°00'N, 135°18'W

Claims: JANE 1-8, ANN 7-22

105 N


STEWART RIVER
HESS RIVER
WHITEHORSE
MAYO
MINING DISTRICT
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17

LANSING

YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

5 0 5 10 15 20 25 30
Kilometres

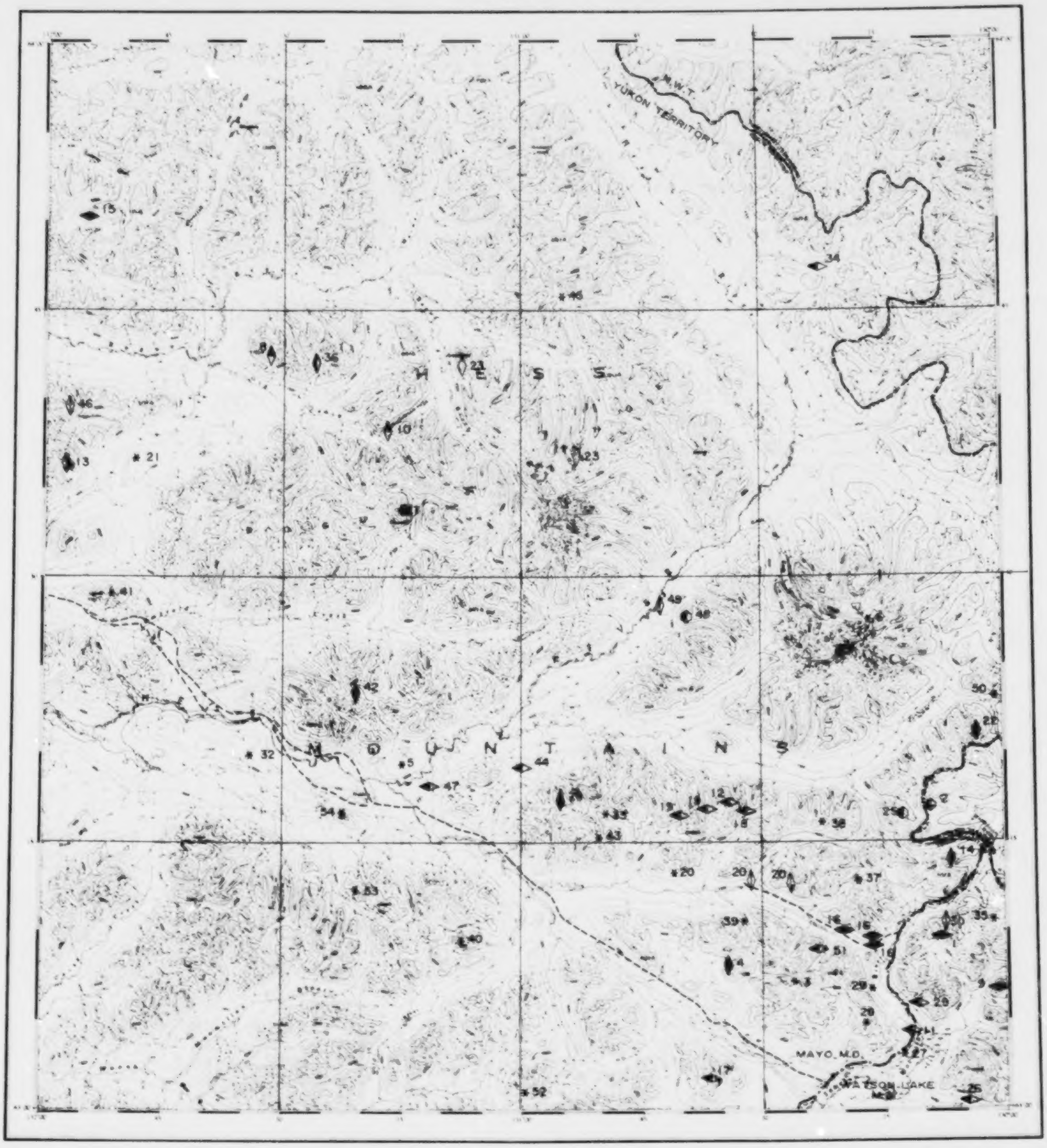
– – – – – –	Tote Trail.
———	Driveable Road.
▬A	Airstrip.

LANSING MAP-AREA (NTS 105 N)

General References: GSC Open File 205 by S.L. Blusson, 1974;
GSC Open File 710 by M.P. Cecile, 1980.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	ARMSTRONG	Skarn W Cu	105 N 3	7	Mulligan (1975, p. 74)
2	PLATA	Vein Ag Pb Zn	105 N 9	1	INAC (1985, p. 211); Abbott (1986b)
3	JOY	Vein, Replacment Cu	105 N 10	7	
4	GOLF	Skarn Cu	105 N 2	7	
5	ETZEL	Vein Cu	105 N 7	7	
6	BRODELL	Vein Cu	105 N 7	7	
7	PEBBLE	Vein, Replacement Pb	105 N 7	7	
8	DEAN	Vein Pb	105 N 10	7	
9	AUREOLE	Vein Cu	105 N 10	7	
10	BLOOM	Vein Cu Mo Pb Co	105 N 15	7	
11	PLEASANT	Skarn Cu W Ag	105 N 5	7	
12	TONGUE	Skarn W Cu Sn	105 N 3	7	INAC (1985, p. 211)
13	KIDD	Stratabound Discordant Zn	105 N 14	7	Morin et al (1977, p. 119)
14	FLATASA	Work Target	105 N 9	9	INAC (1982, p. 171) INAC (1985, p. 211)
15	SPIS	Work Target	105 N 9	9	INAC (1981, p. 213)
16	ANDREA	Stratabound Concordant Ba	105 N 15	7	INAC (1982, p. 171)
17	RAM	Work Target	105 N 3	9	INAC (1983, p. 161)
18	STRIP	Work Target	105 N 9	9	INAC (1985, p. 212)
19	ROGUE	Work Target	105 N 9	9	INAC (1985, p. 211)

105 O



N.W.T.
YUKON TERRITORY
H E S S
M O U N T A I N S
MAYO M.D.
WATSON LAKE M.D.

NIDDERY LAKE

YUKON TERRITORY

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).
- - - - -	Tote Trail.
———	Driveable Road.
▬A	Airstrip.

5 0 5 10 15 20 25 30

Kilometres

NIDDERY LAKE MAP-AREA (NTS 105 0)

General References: GSC Open File 205 by S.L. Blusson, 1974;
GSC Open File 765 by M.P. Cecile, 1981;
GSC Open File 807 by S.P. Gordey, 1981;
DIAND Open File (105 0 SW and parts of 105 P SW) by J.G. Abbott, 1983.

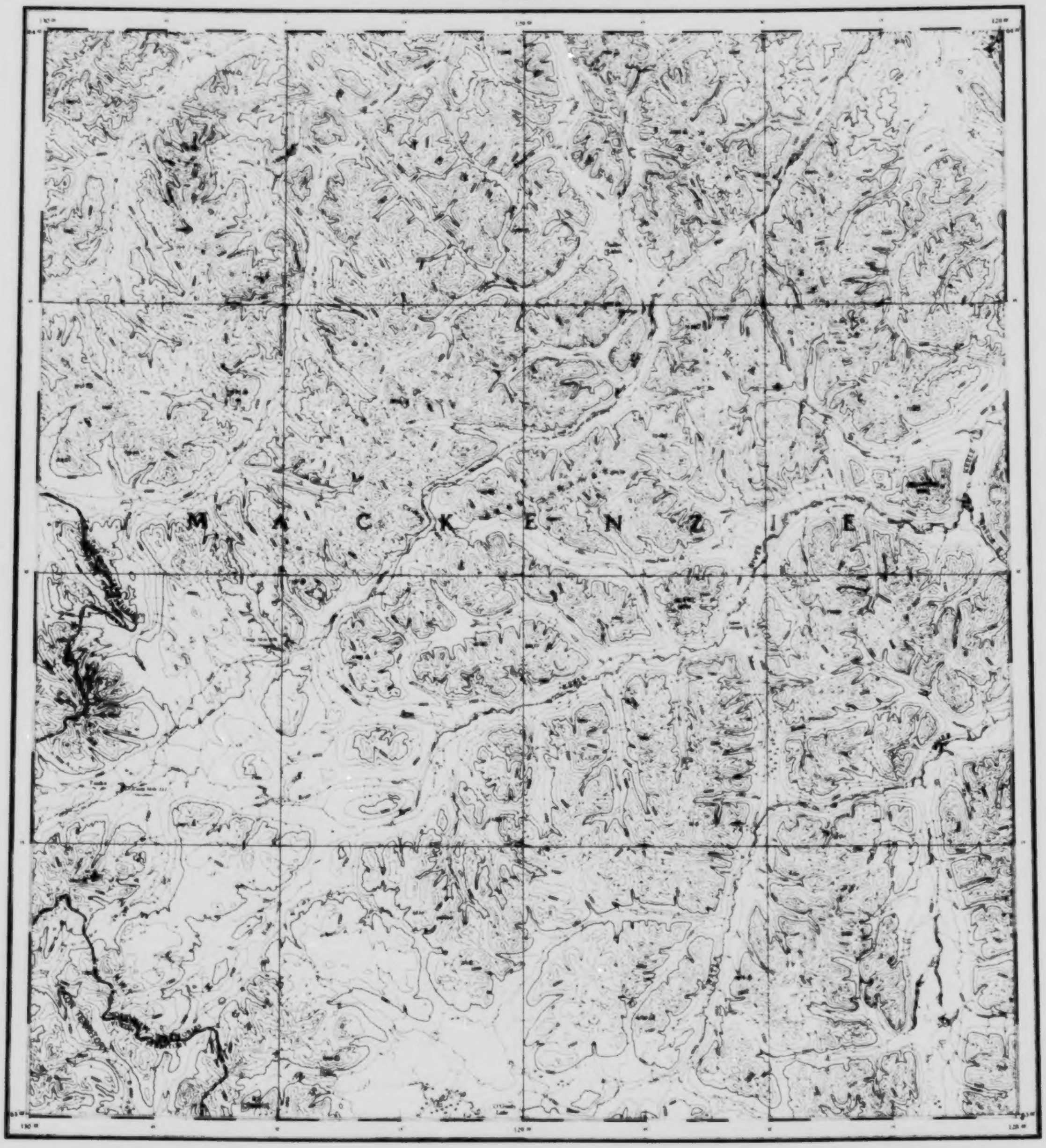
NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	TOM	Stratabound Concordant Ag Pb Zn	105 0 1	2	McClay and Bidwell (1986); INAC (1987, p. 277)
2	MACTUNG	Skarn W Cu	105 0 8	2	Morin et al (1977, p. 20-22); Atkinson and Baker (1986) Harris (1977)
3	JEFF	Work Target	105 0 1	9	Garrett (1971, p. 73)
4	ALP	Vein Au Ag	105 0 2	7	INAC (1983, p. 163, 168)
5	SCOT	Work Target	105 0 6	9	Craig and Milner (1975, p. 18)
6	KEELE	Work Target	105 0 8	9	Garrett (1971, p. 73)
7	EMERALD	Porphyry Cu Mo	105 0 11	7	INAC (1985, p. 216); Smit et al (1985)
8	HORN	Vein Cu	105 0 12	7	Craig and Milner (1975, p. 17)
9	BEN	Stratabound Concordant Zn	105 0 1	7	
10	ARROWHEAD	Vein Cu	105 0 11	7	
11	MOOSE	Stratabound Concordant Ba	105 0 1	2	Sinclair et al (1975, p. 21-22); Morin et al (1979, p. 31)
12	HESS	Stratabound Concordant Ba (Pb Zn Ag)	105 0 7	7	INAC (1985, p. 216-217)
13	INCA	Vein Ag Pb Zn	105 0 12	5	Sinclair et al (1975, p. 18); INAC (1985, p. 220); Abbott (1986b)
14	STANDARD	Vein, Replacement Pb Zn Ag	105 0 1	7	
15	ODD	Stratabound Concordant Pb Zn	105 0 13	6	
16	JASON	Stratabound Concordant Pb Zn Ag Ba	105 0 1	6	Bailes et al (1986); Smee and Bailes (1986); Winn et al (1987); INAC (1987, p. 278)
17	TEA	Stratabound Concordant Ba	105 0 2	6	INAC (1987 p. 279-284)
18	WALT	Stratabound Concordant Ba	105 0 7, 8	2	INAC (1981, p. 216)
19	TRYALA	Stratabound Concordant Ba	105 0 7	7	INAC (1983, p. 169; 1986, p. 141)
20	NIDD	Vein, Replacement Zn Pb Ag	105 0 1, 2	7	INAC (1986, p. 133);
21	BOBNOB	Work Target	105 0 12	9	INAC (1981, p. 217)
22	BORD	Vein Au Ag	105 0 8	7	INAC (1985, p. 217)
23	BEAUCHAMP	Vein Mo	105 0 11	7	INAC (1981, p. 217)
24	NEVE	Vein Sb Au Ag	105 0 7	7	INAC (1987, p. 280)
25	KEN	Skarn W Cu	105 0 8	7	Sinclair et al (1976, p. 30)
26	PETE	Stratabound Concordant Ba Pb Zn	105 0 1	7	Morin et al (1979, p. 94)
27	MOONLIGHT	Work Target	105 0 1	9	Morin et al (1979, p. 32)
28	ESS	Work Target	105 0 1	9	Morin et al (1979, p. 32)
29	FETCH	Stratabound concordant Ba	105 0 1	7	
30	CREE	Vein Pb Zn Sb	105 0 1	7	Morin et al (1979, p. 33)
31	ARGO	Deleted: same as #1 TOM			
32	MV	Work Target	105 0 5	9	Morin et al (1980, p. 10)
33	MAC	Work Target	105 0 7	9	INAC (1983, p. 165)
34	DUO	Stratabound Concordant Ba	105 0 16	6	INAC (1982, p. 178)
35	FOG	Work Target	105 0 1	9	INAC (1982, p. 177)
36	OLD CABIN	Vein Au Cu Pb	105 0 11	7	INAC (1983, p. 165, 169); Hart (1986)
37	FUN	Work Target	105 0 1	7	INAC (1985, p. 218)
38	FAN	Work Target	105 0 8	9	INAC (1983, p. 166)
39	SIM	Work Target	105 0 2	9	INAC (1982, p. 176, 177); INAC (1983, p. 166)
40	SUN	Work Target	105 0 3	9	INAC (1983, p. 166)
41	EMERA	Work Target	105 0 5	9	INAC (1982, p. 176, 177)
42	EMMY	Vein Ag Au Pb	105 0 6	7	INAC (1983, p. 166-167)
43	FAL	Work Target	105 0 7	9	INAC (1982, p. 177); INAC (1983, p. 167)
44	BAR	Stratabound Concordant Ba	105 0 7	7	INAC (1983, p. 167)
45	URSA	Work Target	105 0 15	9	INAC (1982, p. 177)
46	ETZEL	Vein Pb Zn Sb	105 0 12	7	INAC (1983, p. 167-168)
47	ANDY	Stratabound Concordant Ba	105 0 6	7	INAC (1982, p. 17)
48	NUT	Skarn, Vein W Cu Pb Zn Au Ag	105 0 7	7	INAC (1986, p. 141)
49	SMOKEY	Vein Pb Zn	105 0 7	7	INAC (1983, p. 169)
50	BBOB	Work Target	105 0 8	9	INAC (1983, p. 168-169)
51	J.K.	Stratabound Concordant Ba	105 0 1	7	INAC (1986, p. 131)
52	NUKE	Work Target	105 0 2	9	INAC (1986, p. 134)
53	DALL	Work Target	105 0 3	9	INAC (1986, p. 136
54	LEAF	Work Target	105 0 6	9	INAC (1986, p. 138)
55	HASTEN	Work Target	105 0 1	9	INAC (1985, p. 218)

2. MACTUNG

Canada Tungsten Mining
  Corporation Ltd
105 O 8
63°17'N, 130°11.5'W

Claims: BUCK 1

105 P



SEKWI MOUNTAIN

YUKON TERRITORY

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).
– – – – –	Tote Trail.
———	Driveable Road.
▬ A	Airstrip.

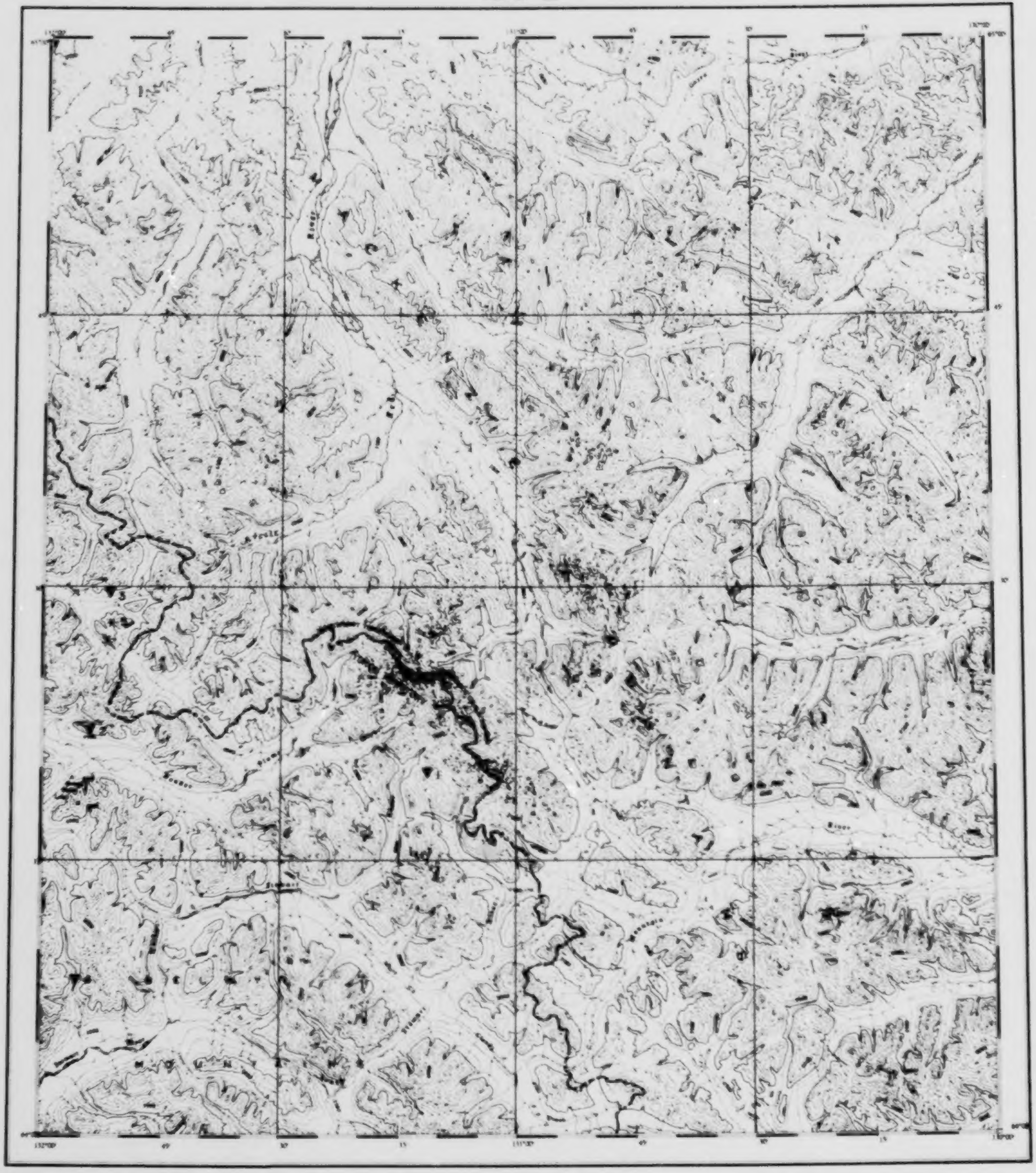
5 0 5 10 15 20 25 30
Kilometres

SEKWI MOUNTAIN MAP-AREA (NTS 105 P)

General References: GSC Paper 71-22 by S.L. Blusson, 1971;
GSC Open File 710 by M.P. Cecile, 1980;
GSC Open File 907 by S.P. Gordey, 1981.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	MEHITABEL	Skarn Cu W Mo	105 P 5	7	
2	NUM	Work Target	105 P 5	9	INAC (1986, p. 43);

106 B



BONNET PLUME LAKE

YUKON TERRITORY

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).
- - - -	Tote Trail.
——	Driveable Road.
▬ A	Airstrip.

5 0 5 10 15 20 25 30

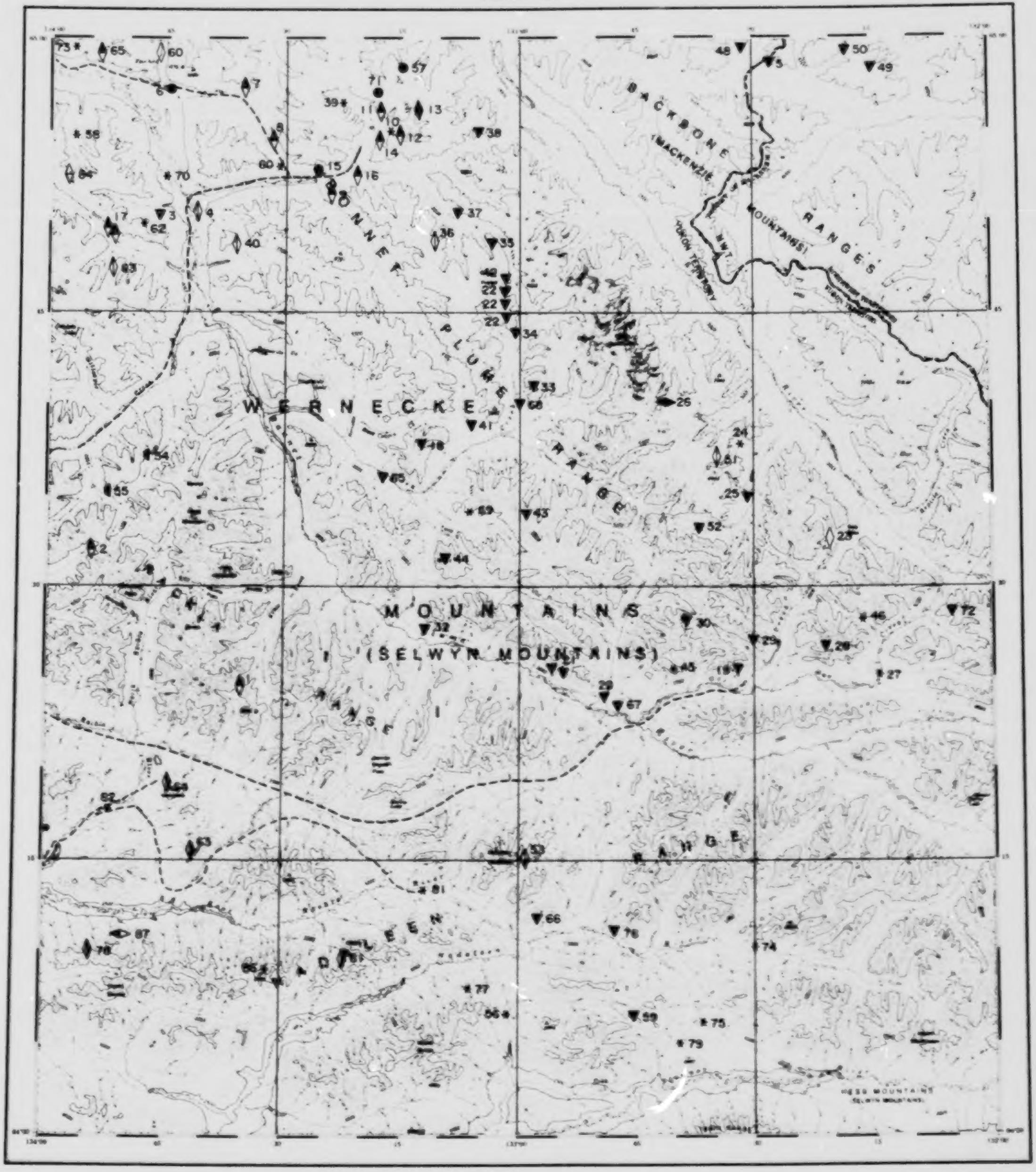
Kilometres

BONNET PLUME MAP-AREA (NTS 106 B)

General References: GSC Open File 205 by S.L. Blusson, 1974;
GSC Open File 710 by M.P. Cecile, 1980a.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	ECONOMIC	Stratabound Discordant Zn Pb	106 B 6	7	Sinclair *et al* (1975, p. 19)
2	ANDY	Stratabound Discordant Zn Pb	106 B 5	7	Dawson (1975, p. 240-241)
3	NECO	Stratabound Discordant, Vein Zn Pb	106 B 5	7	
4	BIRKELAND	Stratabound Discordant Zn Pb	106 B 4	7	
5	PR	Work Target	106 B 5	9	Morin *et al* (1977, p. 118)

106 C


WERNECKE MOUNTAINS
BONNET PLUME RANGE
BACKBONE RANGES
(MACKENZIE MOUNTAINS)
(SELWYN MOUNTAINS)
NADALEEN RANGE
HESS MOUNTAINS
(SELWYN MOUNTAINS)
YUKON TERRITORY
N.W.T.

NADALEEN RIVER

YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

5 0 5 10 15 20 25 30
Kilometres

- - - - - Tote Trail.
——— Driveable Road.
▬A Airstrip.

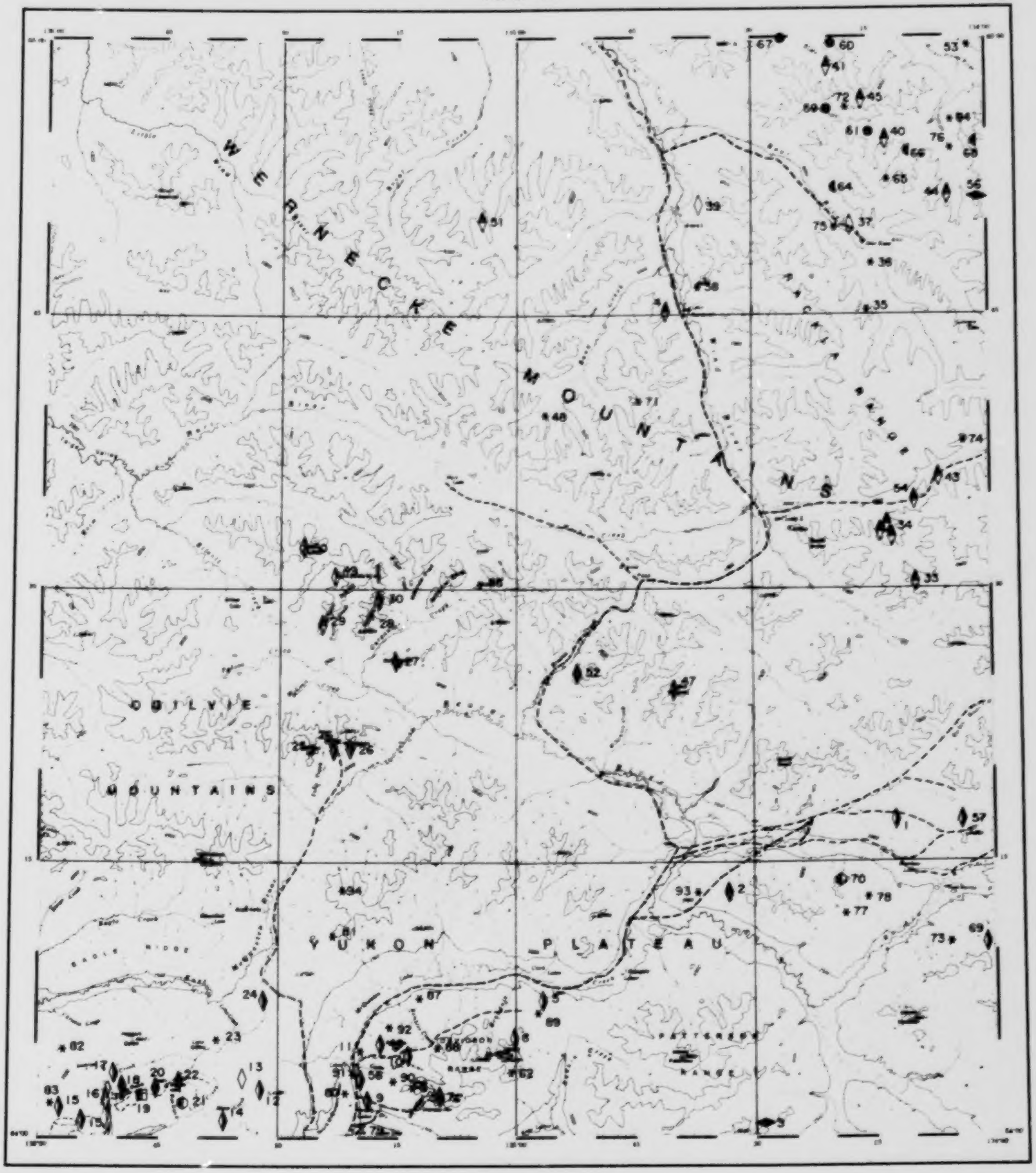
NADALEEN RIVER MAP-AREA (NTS 106 C)

General References: GSC Open File 205, 206 by S.L. Blusson, 1974;
GSC Open File 710 by M.P. Cecile, 1980a;
GSC Open File by R.T. Bell, 1986;
GSC Geochem Open File 518.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	KOHSE	Vein, Replacement Cu	106 C 5	7	
2	SALUTATION	Vein Cu Co	106 C 12	7	
3	GILLESPIE	Stratabound Discordant Vein Zn Pb	106 C 13	7	
4	GEORDIE	Vein, Replacement Pb Zn Ag	106 C 13		
5	GILDERSLEEVE	Stratabound Discordant Zn Pb	106 C 16	7	Dawson (1975, p. 241)
6	FAIRCHILD	Wernecke Breccia U Cu	106 C 13	7	INAC (1983, p. 175-176)
7	BIBBER	Vein Cu	106 C 13	7	
8	DOLORES	Vein Cu Ag Co	106 C 13	7	
9	KEY MOUNTAIN (BARB)	Vein Cu Co	106 C 14	7	INAC (1982, p. 185-186)
10	MAMMOTH	Work Target	106 C 14	9	Findlay (1969b, p. 16-17)
11	CIRQUE	Vein Cu Co Ag	106 C 14	7	
12	PORPHYRY	Vein Cu	106 C 14	7	Findlay (1969b, p. 16-17)
13	TETRAHEDRITE CREEK	Vein Au Ag (Cu Pb Zn Sb)	106 C 14	6	INAC (1985, p. 228-229)
14	AIRSTRIP	Vein Cu	106 C 14	7	
15	VULCAN	Wernecke Breccia U Cu	106 C 14	7	INAC (1982, p. 186)
16	DOBBY	Vein Cu	106 C 14	7	
17	KIDNEY	Vein Cu	106 C 13	7	
18	PING (CORN CREEK)	Stratabound Discordant Zn Pb	106 C 11	5	Sinclair *et al* (1975, p. 53-54)
19	GOZ CREEK	Stratabound Discordant Zn Pb	106 C 7	2	Sinclair *et al* (1975, p. 23-24); Reeve (1977)
20	HARRISON	Stratabound Discordant Zn Pb	106 C 7	6	Sinclair *et al* (1975, p. 41-42)
21	MUELLER	Stratabound Discordant Zn Pb	106 C 7	5	Sinclair *et al* (1975, p. 42-43)
22	CORN CREEK (COB)	Stratabound Discordant Zn Pb	106 C 11, 14	7	Sinclair *et al* (1975, p. 26)
23	ZOG	Vein, Replacement Zn	106 C 9	7	
24	GOODMAN (AL)	Work Target	106 C 10	7	Sinclair *et al* (1975, p. 64-65)
25	NEST	Stratabound Discordant Zn Pb	106 C 10	6	Sinclair *et al* (1975, p. 33-35)
26	TOPOROWSKI	Stratabound Concordant Zn Pb	106 C 10	7	
27	ANGLO	Work Target	106 C 8	9	Sinclair *et al* (1975, p. 38, 40)
28	GUS	Stratabound Discordant Zn Pb	106 C 8	7	Sinclair *et al* (1975, p. 36)
29	GENTRY	Stratabound Discordant Zn Pb	106 C 7	7	Sinclair *et al* (1975, p. 24-28)
30	CADET	Stratabound Discordant Zn Pb	106 C 7	7	Sinclair *et al* (1975, p. 29,46)
31	LOG	Deleted: no information			
32	MOUSE	Stratabound Discordant Zn Pb	106 C 6	7	Sinclair *et al* (1975, p. 40-41)
33	STAR	Stratabound Discordant Zn Pb	106 C 10	7	Sinclair *et al* (1975, p. 55-56)
34	DEA	Stratabound Discordant Zn Pb	106 C 11	7	Sinclair *et al* (1975, p. 58-59)
35	PROFEIT	Stratabound Discordant Zn Pb Ag Cu	106 C 14	6	INAC (1982, p. 186, 190)
36	POO	Vein Pb Zn	106 C 14	7	
37	EG	Stratabound Discordant Zn Pb	106 C 14	7	Sinclair *et al* (1975, p. 61-62)
38	DAN	Stratabound Discordant Zn Pb	106 C 14	7	Sinclair *et al* (1975, p. 61)
39	MAC (OTTO)	Work Target	106 C 14	9	Sinclair *et al* (1975, p. 63)
40	LEARY	Vein Zn Pb Cu	106 C 13	7	Sinclair *et al* (1975, p. 63)
41	WX	Stratabound Discordant Zn Pb	106 C 11	6	Sinclair *et al* (1975, p. 56-57)
42	SUN	Stratabound Discordant Zn Pb	106 C 14	7	Sinclair *et al* (1975, p. 60)
43	BOB	Stratabound Discordant Zn Pb	106 C 10	7	
44	BRENDON (RAM)	Stratabound Discordant Zn Pb	106 C 11	7	Sinclair *et al* (1975, p. 51)
45	GAL	Work Target	106 C 7	9	Sinclair *et al* (1975, p. 30-31)
46	RUM/RAF	Work Target	106 C 8	9	Sinclair *et al* (1975, p. 37, 39)
47	TAPIN	Deleted: no information			
48	CAB	Stratabound Discordant Zn Pb	106 D 15	7	Morin et al (1979, p. 41)
49	BAK	Stratabound Discordant Zn Pb	106 C 16	7	
50	MOGUL	Stratabound Discordant Zn Pb	106 C 16	7	Sinclair *et al* (1975, p. 66)
51	DUNE	Vein Zn Pb	106 C 10	7	
52	SNAKE	Stratabound Discordant Zn Pb	106 C 10	7	
53	McKELVIE	Vein Zn Pb Ba	106 C 7	7	
54	MARSHALL	Occurrence Cu	106 C 12	7	
55	ALGAE	Occurrence Cu	106 C 12	7	
56	LEAH	Work Target	106 C 3	9	INAC (1981, p. 224)
57	RAM	Breccia U Cu	106 C 14	7	INAC (1981, p. 224)
58	LFV	Work Target	106 C 13	9	INAC (1981, p. 235)
59	SIAN	Stratabound Discordant, Vein Ag Pb Zn	106 C 2	7	INAC (1981, p. 224)
60	OTTER	Vein Co Ni As	106 C 13	7	INAC (1982, p. 186-187)
61	CRAIG	Vein Ag Pb Zn	106 C 3	2	INAC (1981, p. 225-230)
62	TOW	Breccia U	106 C 13	7	INAC (1981, p. 231)
63	VAL	Vein Ag Pb Zn	106 C 5	2	INAC (1982, p. 187)
64	VERA	Vein Ag Pb Zn	106 C 5	2	INAC (1982, p. 187)
65	ELGEA	Vein Cu Co	106 C 13	5	INAC (1982, p. 187-188)
66	TARA (NADALEEN)	Stratabound Discordant Zn Pb	106 C 2	7	INAC (1982, p. 188, 190)
67	FUN	Stratabound Discordant Zn Pb	106 C 7	7	Sinclair *et al* (1976, p. 41)
68	DF	Stratabound Discordant Zn Pb	106 C 10, 11	6	Sinclair *et al* (1976, p. 50)
69	MID	Work Target	106 C 11	9	Sinclair *et al* (1976, p. 51)
70	ALE	Work Target	106 C 13	9	Sinclair *et al* (1976, p. 56)
71	PTERO	U Breccia	106 C 14	6	INAC (1982, p. 188)

72	REP	Stratabound Discordant Zn Pb	106 C 8	5	Morin *et al* (1979, p. 39)
73	BROMADROSIS	Work Target	106 C 13	9	Morin *et al* (1977, p. 122)
74	EIRA	Work Target	106 C 1, 2	9	Morin *et al* (1979, p. 35)
75	BLACK IDA	Work Target	106 C 2	9	Morin *et al* (1979, p. 35)
76	JAM	Stratabound Discordant Zn Pb	106 C 2	7	Morin *et al* (1979, p. 36)
77	STAR	Work Target	106 C 3	9	Morin *et al* (1979, p. 36)
78	COOKER	Vein Ag Pb Zn	106 C 4	7	Morin *et al* (1980, p. 37)
79	GLEN	Work Target	106 C 2	9	Morin *et al* (1980, p. 10)
80	BONNET	Work Target	106 C 13	9	INAC (1982, p. 190)
81	STRIP	Work Target	106 C 3	9	INAC (1982, p. 190)
82	RAFE	Work Target	106 C 5	9	INAC (1982, p. 190)
83	JOLLY	Vein Pb Zn	106 C 13	5	INAC (1983, p. 175-176)
84	APE	Vein Cu U Co Mo	106 C 13	7	INAC (1983, p. 175-176)
85	DJ	Stratabound Discordant Zn Pb	106 C 11	7	Sinclair *et al* (1975, p. 52)
86	MEX	Work Target	106 C 4	9	INAC (1985, p. 228)
87	NIKA	Stratabound Barite	106 C 4	7	INAC (1987, p. 288-289)

106 D


WERNECKE MOUNTAINS
OGILVIE MOUNTAINS
YUKON PLATEAU
PATTERSON RANGE
EAGLE RIDGE

NASH CREEK
YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

5 0 5 10 15 20 25 30
Kilometres

- - - - - Tote Trail.
——— Driveable Road.
▬ A Airstrip.

NASH CREEK MAP-AREA (NTS 106 D)

General References: GSC Map 1282A and Memoir 364 by L.H. Green, 1972;
GSC Open File 710 by M.P. Cecile, 1980a;
GSC Geochem Open File 518 and 419.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	KATHLEEN	Vein Zn Ag Pb	106 D 8	6	INAC (1985, p. 233)
2	NOW	Vein Pb Zn Ag Au	106 D 2	6	INAC (1981, p. 238)
3	MARG	Volcanic-hosted Pb Cu Zn Ag Au	106 D 1	9	INAC (1986, p. 153); This Report
4	WEN	Vein Cu	106 D 15	7	Green (1972, p. 139)
5	CLARK	Vein Ag Pb Zn	106 D 2	2	Craig & Laporte (1972, p. 19-20; Sinclair & Gilbert (1975, p. 15-16)
6	CAMERON (PAUL)	Vein Ag Pb Zn	106 D 3	7	Green (1971, p. 63-64; Sinclair (Paul) et al (1975, p. 16-17)
7	STAND-TO	Vein Ag Pb Zn	106 D 3	7	Findlay (1969b, p.13-14); INAC (1982, p. 198)
8	FORBES	Work Target	106 D 3	9	Cockfield (1922)
9	SPRING (HL)	Vein Ag Pb Zn	106 D 3	7	Craig & Milner (1975, p. 30); INAC (1982, p. 198);
10	RAMBLER	Vein Ag Pb Zn	106 D 3	6	Cockfield (1922, p. 4-5); Green (1971, p. 63); INAC (1981, p. 244); INAC (1985, p. 234); This Report
11	RUSTY	Work Target	106 D 3	9	
12	ERIN	Vein Ag Pb Zn	106 D 4	7	Craig & Laporte (1972, p. 16-17)
13	GWAIHIR	Vein W	106 D 4	7	INAC (1981, p. 238)
14	SKATE	Vein Ag Pb Zn	106 D 4	6	INAC (1982, p. 194)
15	PESO (REX)	Vein Ag Pb Zn	106 D 4	2	Green (1965, p. 20-22); INAC (1981, p. 244);D.I.A.N.D. (1986, p. 158); This Report
16	BARKER	Vein unclassified	106 D 4	7	Boyle (1965, p. 84)
17	MEILECKE	Vein Ag Pb	106 D 4	7	
18	TIN DOME (SHEPPARD)	Vein Sn Au Ag	106 D 4	7	Mulligan (1975, p. 73-74); INAC (1987, p. 293-296)
19	DUBLIN GULCH	Stockwork W	106 D 4	7	INAC (1983, p. 179-180; 1987, p. 293-296)
20	POTATO HILLS	Vein Au Ag	106 D 4	7	Little (1959, p. 21-29, 34-36); Craig & Milner (1975, p. 24-25); INAC (1987, p. 293-296)
21	RAY GULCH	Skarn W	106 D 4	2	INAC (1981, p. 240); Lennan (1986); INAC (1987, p. 293-296)
22	ELLIS	Vein Au Ag	106 D 4	7	Green & Godwin (1963, p. 15)
23	LYNX	Work Target	106 D 4	9	Green & Godwin (1963, p. 15) INAC (1981, p. 244)
24	LUCKY STRIKE	Vein Ag Pb Zn	106 D 4	7	Green (1972, p. 137); INAC (1982, p. 198)
25	WHITE HILL	Work Target	106 D 6	9	Cockfield (1925, p. 1-18)
26	McKAY HILL	Vein Ag Pb Zn	106 D 6	4	Cockfield (1924, p. 22-28); Green (1972, p. 133-134); INAC (1981, p. 244)
27	GREY COPPER HILL	Vein Ag Pb Zn	106 D 6	7	INAC (1981, p. 240) INAC (1985, p. 234)
28	CARPENTER	Work Target	106 D 6	9	Cockfield (1925, p. 1-18)
29	ELLIOTT RIDGE	Vein Cu	106 D 6	7	Cockfield (1925, p. 1-18)
30	SILVER HILL	Vein Ag Pb Zn	106 D 6	7	Cockfield (1925, p. 1-18); Green (1972, p. 133)
31	SETTLEMEIR	Deleted: no information			
32	ROYAL	Deleted: no information			
33	ZULPS	Vein Cu	106 D 9	7	
34	McCLUSKY	Vein Cu	106 D 9	2	
35	GRAY	Work Target	106 D 16	9	Findlay (1969a, p. 16)
36	NEW JERSEY	Work Target	106 D 16	9	Findlay (1969a, p. 16)
37	PAGISTEEL	Breccia Fe	106 D 16	5	INAC (1982, p.195)
38	AHEARNE	Work Target	106 D 15	9	Green (1972, p. 139); INAC (1983, p. 179, 181)
39	FRAN	Vein Fe	106 D 15	7	Green (1972, p. 143)
40	FORD	Vein Cu Pb	106 D 16	7	
41	SLATS	Vein Cu	106 D 16	7	
42	JEE	Deleted: no information			
43	DRESEN	Vein Cu	106 D 9	7	
44	FOUND	Vein Cu	106 D 16	7	INAC (1982, p. 198)
45	BUT	Vein Cu	106 D 16	7	
46	NAT	Vein Pb Ag Zn Cu	106 D 3	7	INAC (1982, p. 198)
47	BRAINE	Vein Ag Pb Zn Cu	106 D 7	5	INAC (1987, p. 296)
48	BOND	Work Target	106 D 10	9	Green (1972, p. 139)
49	LINGHAM	Vein Pb Zn	106 D 11	7	
50	NEWT	Vein Pb Zn	106 D 11	7	
51	SIHOTA	Vein Cu Zn	106 D 14	7	
52	CLOUTIER	Vein Pb Zn Ag Cu Au	106 D 7	7	
53	SLAB	Work Target	106 D 16	9	Findlay (1969b, p. 17-18)
54	LOUIE	Vein Cu	106 D 9	7	
55	EATON	Deleted: same as #67 PIKE			
56	CORD	Stratabound Concordant Pb Zn	106 D 16	6	INAC (1982, p. 196, 198)
57	ZAP	Vein Ag Pb Zn	106 D 8	7	INAC (1981, p. 241)
58	J.T.	Vein Ag Pb Zn	106 D 3	7	INAC (1983, p. 179-181)
59	ARCTOS	Wernecke Breccia U Cu Co Ag Au	106 D 16	7	INAC (1982, p. 196-197)
60	RAD	Wernecke Breccia U Cu Au	106 D 16	7	INAC (1982, p. 197)
61	URSUS	Wernecke Breccia U Cu Ag	106 D 16	7	INAC (1982, p. 197)

62 SPRING	Work Target	106 D 3	9	INAC (1981, p. 244)
63 DEAL	Work Target	106 D 3	9	INAC (1981, p. 244)
64 FACE	Occurrence U Cu Ag	106 D 16	7	INAC (1982, p. 197-198)
65 ADUB	Work Target	106 D 16	9	INAC (1982, p. 195, 198)
66 HAIL	Occurrence U	106 D 16	7	INAC (1982, p. 195)
67 PIKE	Vein, Wernecke Breccia Au U Cu	106 D 16	9	INAC (1987, p. 296-298); This Report
68 SNOW STAR	Occurrence U	106 D 16	7	INAC (1982, p. 195)
69 ROD	Vein Ag Pb	106 D 1	6	INAC (1986, p. 154)
70 BLUE LITE	Skarn W	106 D 1	6	INAC (1981, p. 243-244); INAC (1986, p. 158)
71 BOZO	Work Target	106 D 10	9	Sinclair et al (1976, p. 62)
72 KNUCKLE	Work Target	106 D 16	9	Morin et al (1977, p. 125)
73 BAG	Work Target	106 D 1	9	Morin et al (1980, p. 13)
74 JAZ	Work Target	106 D 9	9	Morin et al (1979, p. 43)
75 PITCH	Work Target	106 D 16	9	Morin et al (1979, p. 44)
76 SER	Work Target	106 D 16	9	Morin et al (1979, p. 45)
77 KATHY	Work Target	106 D 1	9	Morin et al (1980, p. 14)
78 LEEN	Work Target	106 D 1	9	INAC (1982, p. 198)
79 D. BURKE	Work Target	106 D 3	9	INAC (1982, p. 198);
80 SHARON	Work Target	106 D 3	9	INAC (1982, p. 198);
81 BREFAULT	Work Target	106 D 3	9	INAC (1982, p. 198)
82 KISS	Work Target	106 D 4	9	INAC (1982, p. 198)
83 COLLEEN	Work Target	106 D 4	9	INAC (1982, p. 198)
84 SAM	Work Target	106 D 16	9	INAC (1982, p. 198)
85 FOHU	Deleted: no information			
86 FANCY	Work Target	106 D 11, 6	9	INAC (1983, p. 179, 181)
87 NOM	Work Target	106 D 3	9	INAC (1985, p. 232)
88 MIKE	Work Target	106 D 3	9	INAC (1986, p. 158)
89 ESS	Work Target	106 D 2	9	INAC (1986, p. 158)
90 KING	Work Target	106 D 3	9	INAC (1986, p. 158)
91 FIREWEED	Work Target	106 D 3	9	INAC (1986, p. 158)
92 MICHELLE	Work Target	106 D 3	9	INAC (1986, p. 158)
93 WON	Work Target	106 D 2	9	This Report
94 WILL	Work Target	106 D 3	9	This Report

MARG
All-North Resources Ltd

Copper, Lead, Zinc, Silver, Gold, Volcanigenic Massive Sulphide
106 D 1 (3)
64°01'N, 134°28'W

References: INAC (1986, p. 163)

Claims: TUDL 1-32

Source: Summary by T. Bremner of assessment report 091922 by R.J. Cathro (Archer, Cathro and Associates (1981) Ltd).

Description:

Laminated supergene oxides and massive sulphides containing copper, lead, zinc, silver and gold occur within Mississippian metavolcanic rocks correlative with the "Lower Schist" of the Keno Hill district. Three mappable units recognized on the property form a conformable sequence, striking 300° and dipping 50° SW.

The basal "Chlorite Unit" consists of chloritic grit and quartzite derived from andesitic volcanic flows and pyroclastic rocks. Irregular masses of gabbro on the property are probable feeder dykes and sills associated with the volcanic rocks. The middle "Graphite Unit" consists of graphitic phyllite interbedded with chloritic phyllite and feldspathic quartzite; the latter two are interpreted as meta-tuffs. The uppermost "Quartzite Unit" consists of finely-laminated chloritic quartzite with minor limestone and phyllite layers.

Current Work and Results:

The 1965-67 grid was re-surveyed in 1986, and 294 soil samples and five water and silt samples were taken. Twenty-two additional soil and 31 rock samples were collected from blast trenches. Water samples were analysed for 24 metals. All other samples were assayed for gold and analysed for 30 other elements. The geochemical survey outlined a number of strong multi-element anomalies up to 360 m long, some of which appear to be offset by faults trending north-northeast.

Geological mapping in 1986 established that all geochemical anomalies, gossans, mineralized float and bedrock exposures on the property occur within the "Graphite Unit".

Delta Geoscience Ltd carried out VLF-EM, HLEM and magnetic surveys over the entire grid. Test IP and resistivity surveys were also done on 5 lines. The HLEM survey outlined numerous conductive phyllite horizons which occur in the footwall of the mineralized zones and outline folds and faults in the area.

Eight hand trenches were excavated in 1986. Laminated limonite float assaying up to 110 g/t Ag, 4% Pb, 1.3% As and 0.8 g/t Au was uncovered 200 and 500 m east of mineralized bedrock exposed in a 1984 trench. Due to the almost complete leaching of sulphides from the float these assay values are most likely pessimistic.

RAMBLER
Canadian Reserve Oil and Gas Ltd
Silver Spring Mines Ltd

Ag, Pb, Zn Vein
106 D 3 (10)
64°85'N, 135°12'W
1976

References: INAC (1985, p. 234); Green (1971, p. 63)

Claims: DOG 47 & 49

Source: Summary by T. Bremner of assessment report 091696 by A.W. Goring and F.W. Plut.

Current Work and Results:

In 1976, 1330.1 m of rotary drilling was done on the RAMBLER vein. Forty-six closely spaced holes ranging in length from 15 to 60 metres were drilled with a westerly dip of 25 to 45 degrees.

The lithology consists of interbedded greenstone, dark grey graphite schist, white sericite schist and grey quartzite underlying 3.0 m of overburden.

Samples representative of successive 1.5 m intervals were taken in each drillhole from the base of overburden to total depth. Each sample was analysed for lead, zinc and silver. Anomalous samples in 28 of the drillholes were then assayed for the same metals. Most of the assays returned low values. However significant showings occurred in two of the drillholes, the best intersection being 238.4 g/t Ag, 9.84% Pb and 0.08% Zn over 1.5 m in hole #KT-2.

PIKE
Wernecke Joint Venture

Gold, Uranium, Copper Vein/
Breccia
106 D 16, 106 E 1 (67)
1987

References: Sinclair et al (1976, p. 63); INAC (1987, p. 296)

Claims: PIKE 8-14

Source: Summary by T. Bremner of assessment report 092090 by W.D. Eaton (Archer, Cathro and Associates (1981) Ltd).

Current Work and Results:

Hand trenching in 1987 was directed toward finding the source of gold-bearing quartz vein material in the southernmost of two mineralized float trains after the 1986 discovery of specimens containing up to 30% gold by volume. Trench J exposed bedrock near the uphill end of the float train, revealing a 5 to 15 cm wide quartz vein which strikes 100 deg. and dips 68 deg. south. Like the mineralized float, the quartz vein contained hematite and feldspar, but no brannerite or gold was evident. A radioactive halo in chloritized siltstone surrounding the vein gave scintillometer readings of two to ten times background. Samples of the vein and the chloritized siltstone returned background values of gold, as did pan concentrates and soil samples taken near bedrock in the trench. Trenches F, G and K which were cut directly downhill from Trench J all contained gold-bearing float or soil horizons. The gold source is postulated to be a small, totally eroded pod or lens associated with the quartz vein in Trench J.

6. CAMERON (PAUL)

Archer, Cathro and Associates
(1981) Ltd
106 D 2, 3
64°06'N, 134°59'W

Claims: LARK 1-113

15. PESO (REX)

J. Moreau, H. Boudreau
106 D 4
64°01'N, 135°58'W

Claims: PIERRE 23-96

46. NAT

J. Strebchuk
106 D 3
64°04'N, 135°15.5'W

Claims: NEW IRENE 1-2

59. ARCTOS

697895 Ontario Ltd
106 D 16
64°57'N, 134°20'W

Claims: WITZ 1-40

64. FACE

697895 Ontario Ltd.
106 D 16
64°52'N, 134°19'W

Claims: LEX 1-8

79. D.BURKE

P. Solowonuik, T. Kachnic
106 D 3
64°00'N, 135°19'W

Claims: JANE 1-6, TM 1-8

80. SHARON

L. Halonen
106 D 3
64°02'N, 135°21.5'W

Claims: CRAIG 1-6

88. MIKE

M. Fersovich, W. Koleba
106 D 3
64°04'N, 135°11'W

Claims: MATT 1-16, LUKE 1-4

91. FIREWEED

M. Gorjanc
106 D 3
64°04'N, 135°21'W

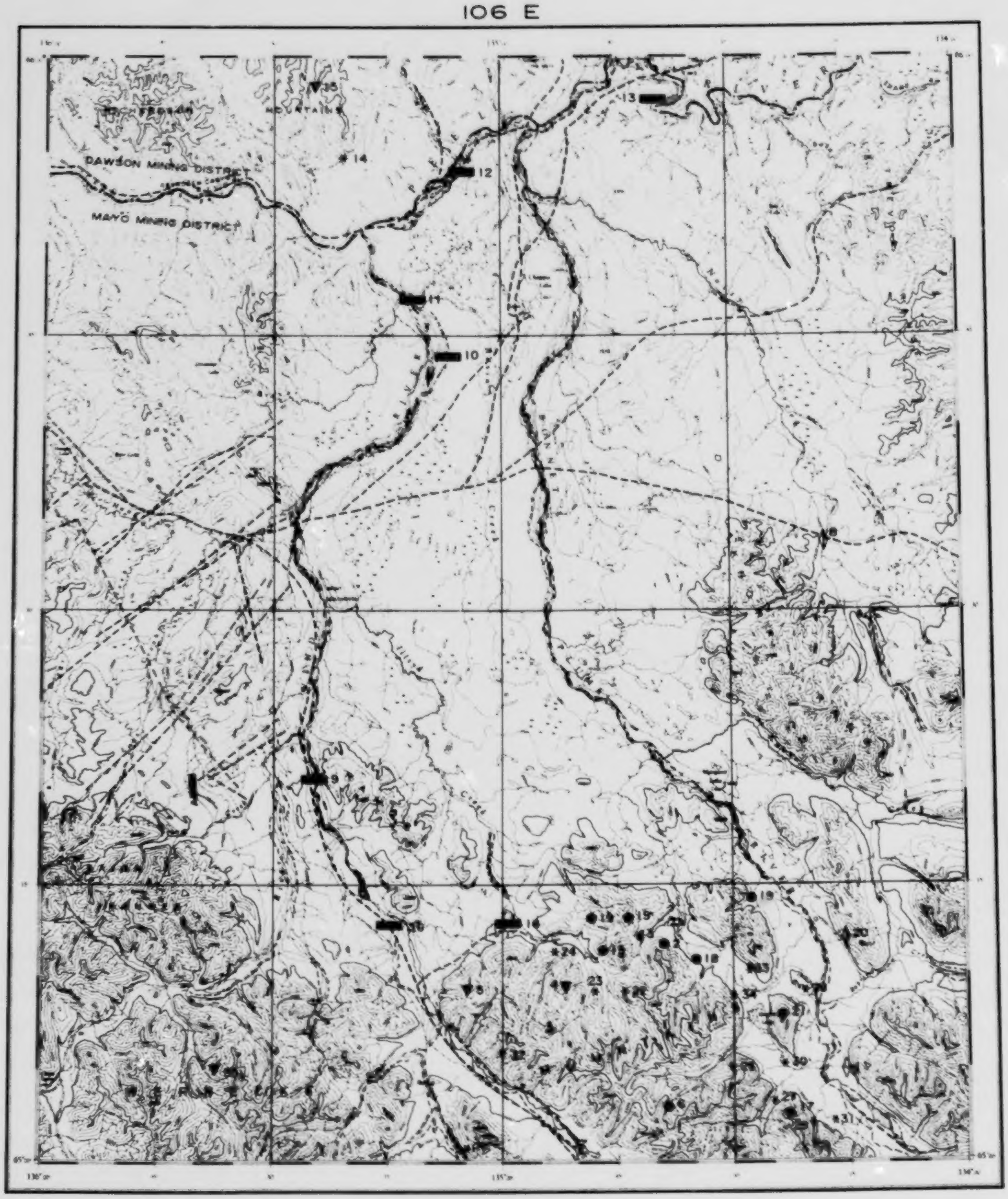
Claims: ARIES 1-4

94. WILL

J. O'Neill
106 D 3
64°13.5'N, 135°22'W

Claims: WILL 1-8

106 E


MOUNTAINS
DAWSON MINING DISTRICT
MAYO MINING DISTRICT
13
12
14
11
10
9
16
23
20
31
135°W
65°N

WIND RIVER
YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

5 0 5 10 15 20 25 30
Kilometres

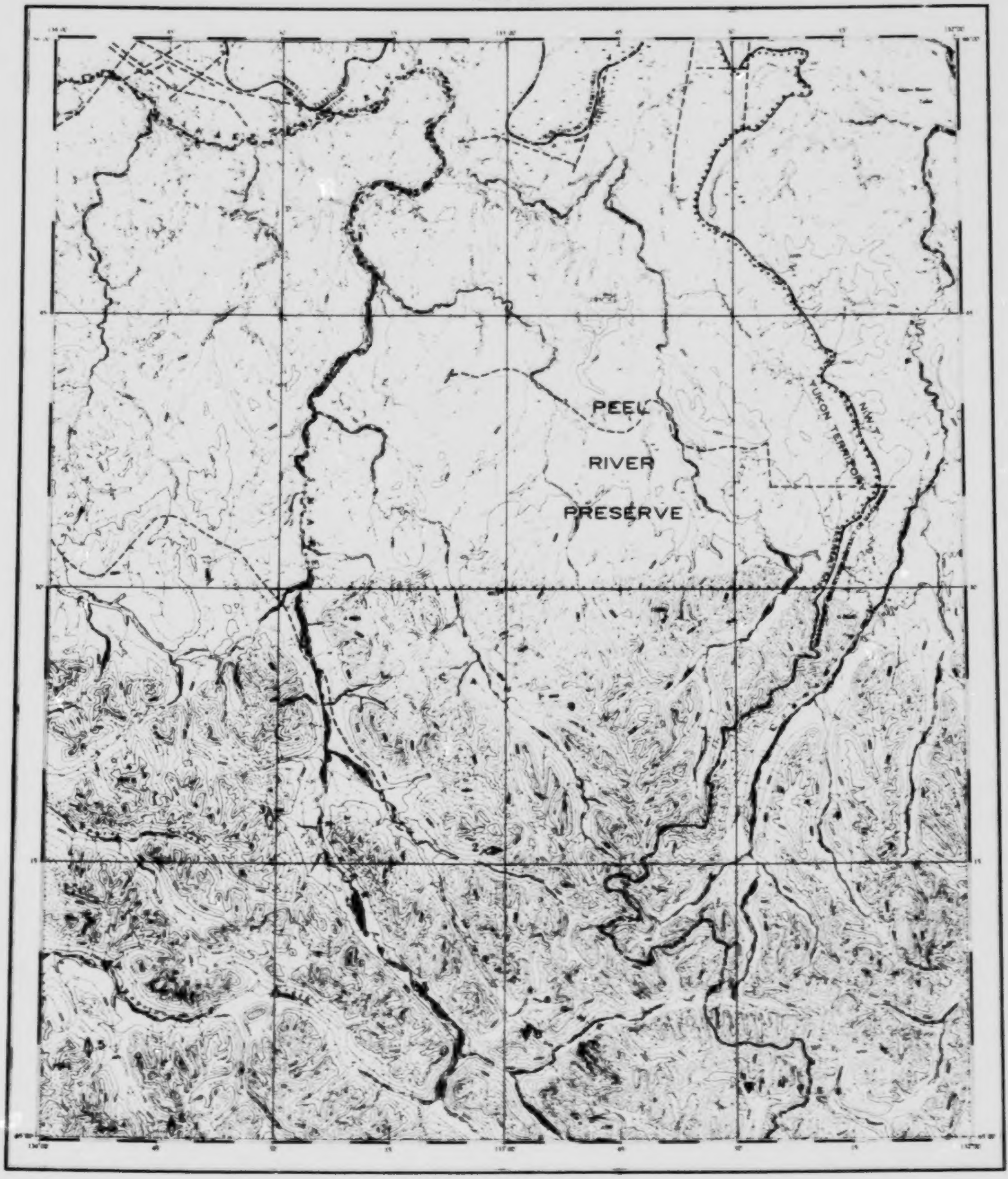
- - - - - -	Tote Trail.
———	Driveable Road.
▬ A	Airstrip.

WIND RIVER MAP-AREA (NTS 106 E)

General References: GSC Open File 715 by D.K. Norris, 1980;
GSC Map 1528A by D.K. Norris, 1982c;
GSC Geochem Open File 518, 419 and 420.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	IRENE	Vein, Replacement U Cu	106 E 1	7	Blusson (1976, p. 132)
2	GREMLIN	Breccia Cu Ag	106 E 2	7	INAC (1983, p. 183-185)
3	CHLOE	Occurrence Pb Zn	106 E 2	7	
4	FLUNK	Stratabound Discordant Zn Pb	106 E 2	5	Sinclair et al (1976, p. 65-67)
5	FORSTER (MST)	Stratabound Discordant Pb Zn	106 E 3	7	Sinclair et al (1975, p. 67-68); Morin et al (1977, p. 133)
6	IGOR	Wernecke Breccia Cu U	106 E 2	7	INAC (1983, p. 183, 184)
7	MAGIC	Work Target	106 E 3	9	Sinclair et al (1975, p. 69)
8	HENDRY (DTS)	Vein Pb Zn Cu	106 E 9	7	Sinclair et al (1975, p. 63-64)
9	PRONGS, BONNET PLUME COALFIELD	Coal	106 E 6	7	Camsell (1907, p. 28); McKinney (1985)
10	CHAPPIE	Coal	106 E 11	7	Camsell (1907, p. 27-30)
11	BASIN	Coal	106 E 14	7	Camsell (1907, p. 27-30)
12	SAINVILLE	Coal	106 E 14	7	Camsell (1907, p. 41-46)
13	LOPSTICK	Coal	106 E 15	7	Camsell (1907, p. 41-46)
14	ONCE	Work Target	106 E 14	9	Sinclair et al (1975, p. 86-87)
15	TUKU	Stratabound Discordant Zn Pb	106 E 14	6	Sinclair et al (1975, p. 87)
16	SLATER	Coal	106 E 2	7	
17	OTIS	Wernecke Breccia U	106 E 1	7	INAC (1981, p. 246-247)
18	SCYLLA	Wernecke Breccia U	106 E 2	7	INAC (1981, p. 247)
19	DEER	Wernecke Breccia U	106 E 1, 2	7	Morin et al (1980, p. 18-20)
20	BEV	Vein Zn Pb	106 E 1	7	Sinclair et al (1976, p. 63)
21	WERNECKE	Wernecke Breccia Cu U	106 E 1	7	Morin et al (1980, p. 17)
22	YOGI	Work Target	106 E 2	9	Morin et al (1980, p. 21)
23	JEANETTE	Work Target	106 E 2	9	Sinclair et al (1976, p. 70)
24	WINDY	Work Target	106 E 2	9	Sinclair et al (1976, p. 71)
25	CUS	Deleted: no information			
26	MARTET	Work Target	106 E 2, 1	9	Morin et al (1977, p. 128-129)
27	THORIUM	Work Target	106 E 1	9	Morin et al (1977, p. 128)
28	MTR	Work Target	106 E 1	9	Morin et al (1979, p. 48)
29	ORION	Work Target	106 E 1	9	Morin et al (1979, p. 45-46)
30	GSTD	Work Target	106 E 1	9	Morin et al (1979, p. 46)
31	POLARIS	Work Target	106 E 1	9	Morin et al (1979, p. 47)
32	TAR	Work Target	106 E 2	9	Morin et al (1980, p. 20)
33	RIN	Work Target	106 E 1	9	Morin et al (1980, p. 18)
34	RAPI	Work Target	106 E 2, 1	9	Morin et al (1979, p. 49)
35	LWR	Stratabound Discordant, Vein Pb Zn	106 E 4	7	INAC (1983, p. 183-185)
36	AIRSTRIP	Coal	106 E 3	2	Nat. Min. Inv., 106 E, COL 2

106 F


PEEL
RIVER
PRESERVE
YUKON TERRITORY
N.W.T.

SNAKE RIVER
YUKON TERRITORY

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).
- - - - -	Tote Trail.
———	Driveable Road.
▬A	Airstrip.

5 0 5 10 15 20 25 30
Kilometres

SNAKE RIVER MAP-AREA (NTS 106 F)

General References: GSC Open File 715 by D.K. Norris, 1980;
GSC Map 1529A by D.K. Norris, 1982d;
GSC Geochem Open File 518.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	VYE	Stratabound Discordant Zn	106 F 1	7	
2	CREST	Stratabound Concordant Fe	106 F 6	2	Green and Godwin (1963, p. 15-18); Yeo (1986); This Report
3	HOME	Vein Zn	106 F 5	7	
4	PLAINS (KEN)	Stratabound Discordant Zn	106 F 4	6	Sinclair et al (1976, p. 73)
5	YUK	Vein, Replacement Pb Zn	106 F 4	7	Sinclair et al (1976, p. 73)
6	VOLE	Vein Co Cu Ag	106 F 4	7	INAC (1982, p. 203)
7	LAURA	Work Target	106 F 2	7	Morin et al (1977, p. 134)
8	BUH	Stratabound Discordant Zn Pb	106 F 2	6	Morin et al (1977, p. 134)

CREST
Crest Exploration Ltd

Iron Formation
106 F 2, 3, 6, 7 (2)
65°10-15'N,132°15'-133°20'W
1963

References: INAC (1985, p. 31-32)

Claims: 493 iron and mica claims.

Source: Summary by W.P. LeBarge from assessment report 091697 by R.A. Stuart et al.

History:

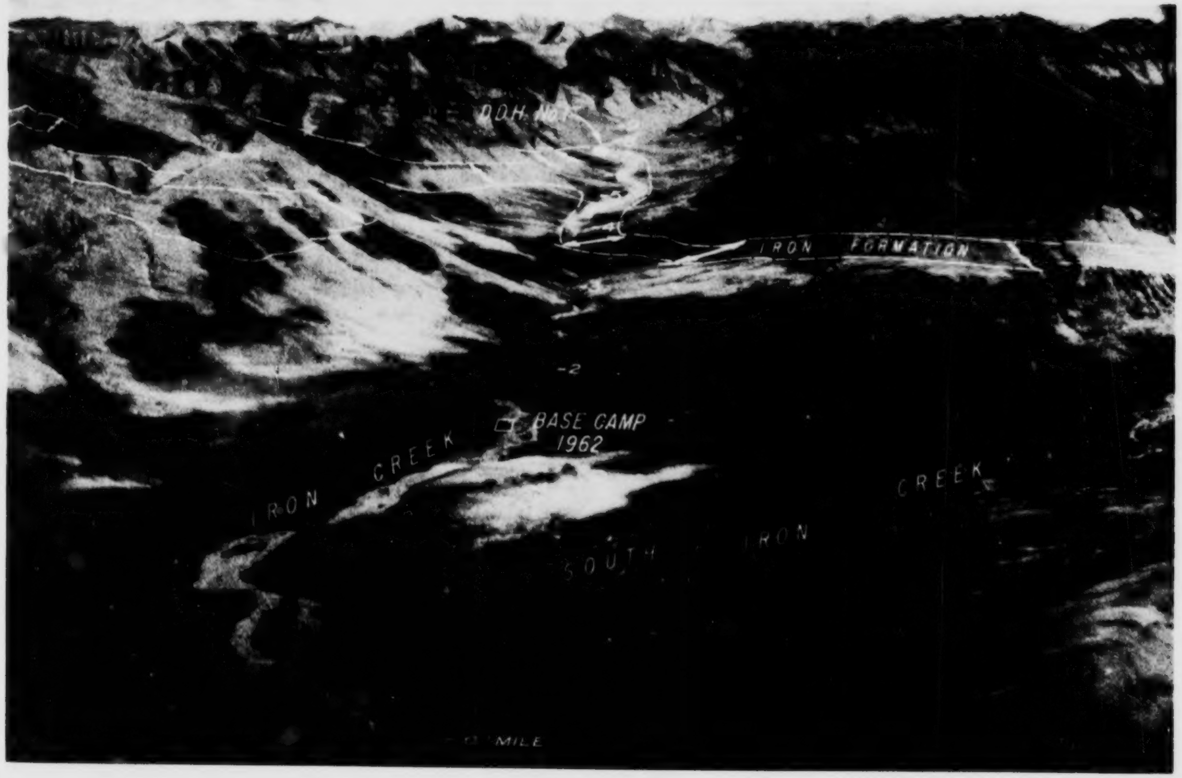
The Snake River Iron Deposit was discovered by geologists of the California Standard Company during regional oil and gas exploration in August of 1961. In June and July of 1962, 862 claims were staked, 493 in the Yukon. These claims were subsequently acquired by Crest Exploration Ltd, a subsidiary of Standard Oil of California, and they remain in good standing to the present day.

Description:

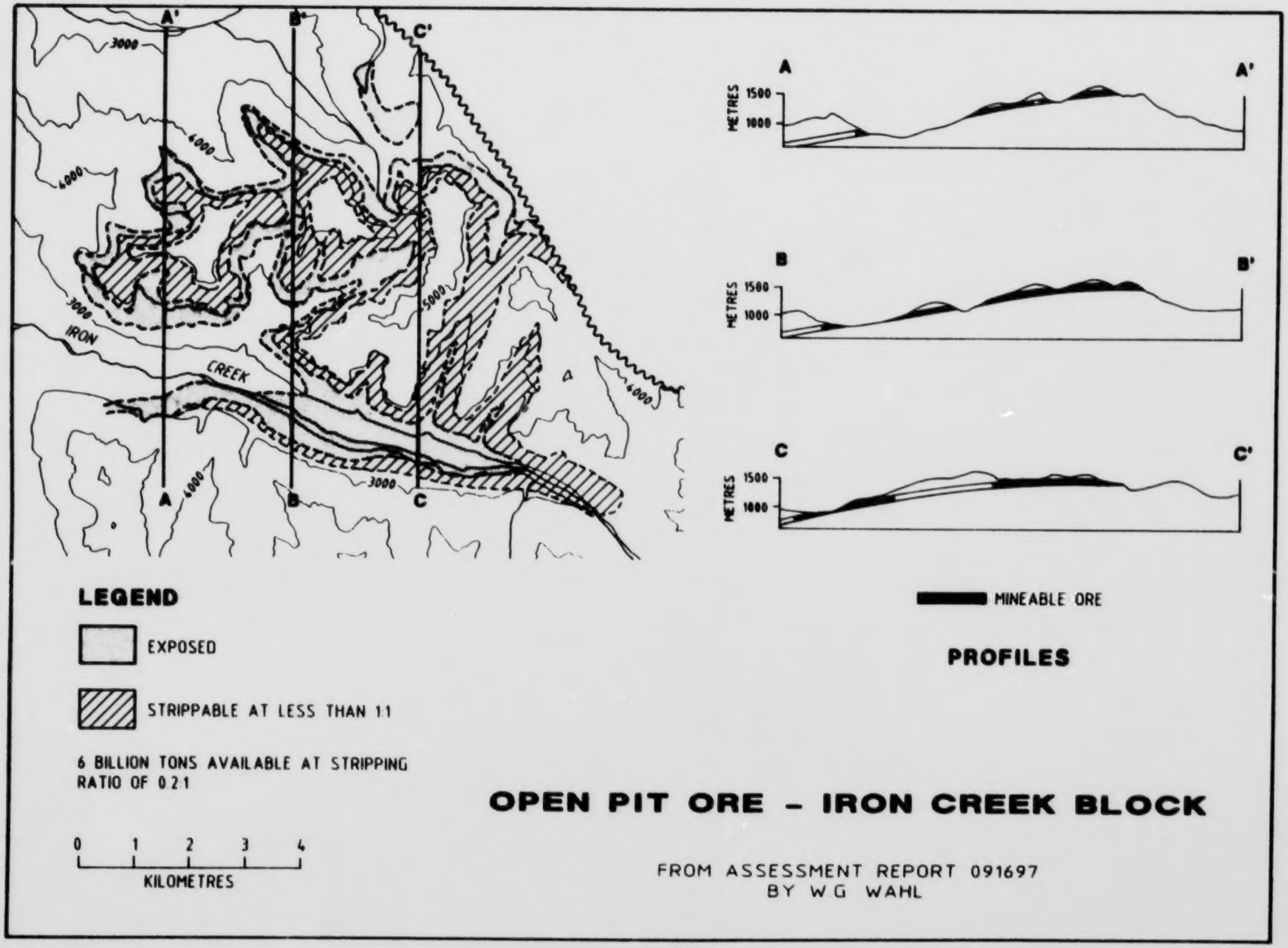
The Snake River Iron Deposit is a sedimentary iron deposit of 60%-90% fine grained hematite with associated jasper lenses and nodules. Sandstone and conglomerate bands form 15 to 25% of the ore zone, a part of the Proterozic Rapitan Group. The formation varies in thickness from 30.5 to 107.3 m, and it is well exposed in an area 48 to 64 km across.

Current Work and Results:

In July, 1962 an extensive program of exploration and ore reserve delineation was undertaken. This program included geologic mapping, geophysical surveys (ground and aeromagnetic), geochemical sampling and assaying, topographic base map construction, beneficiation testing, airstrip construction and feasibility studies. The work outlined reserves of 5.46 billion tonnes at less than a 1:1 stripping ratio, and up to 18.2 billion tonnes at slightly higher stripping ratios. Average iron content is 46% with 25% silica and 0.35% phosphorous. The lack of access to the property and the high percentages of silica and phosphorous in the ore have made this immense deposit uneconomic to date. Although the claims remain in good standing, no work has been done since the mid 1960's.


DDH No1
IRON FORMATION
-2
BASE CAMP
1962
IRON CREEK
SOUTH IRON CREEK
MILE

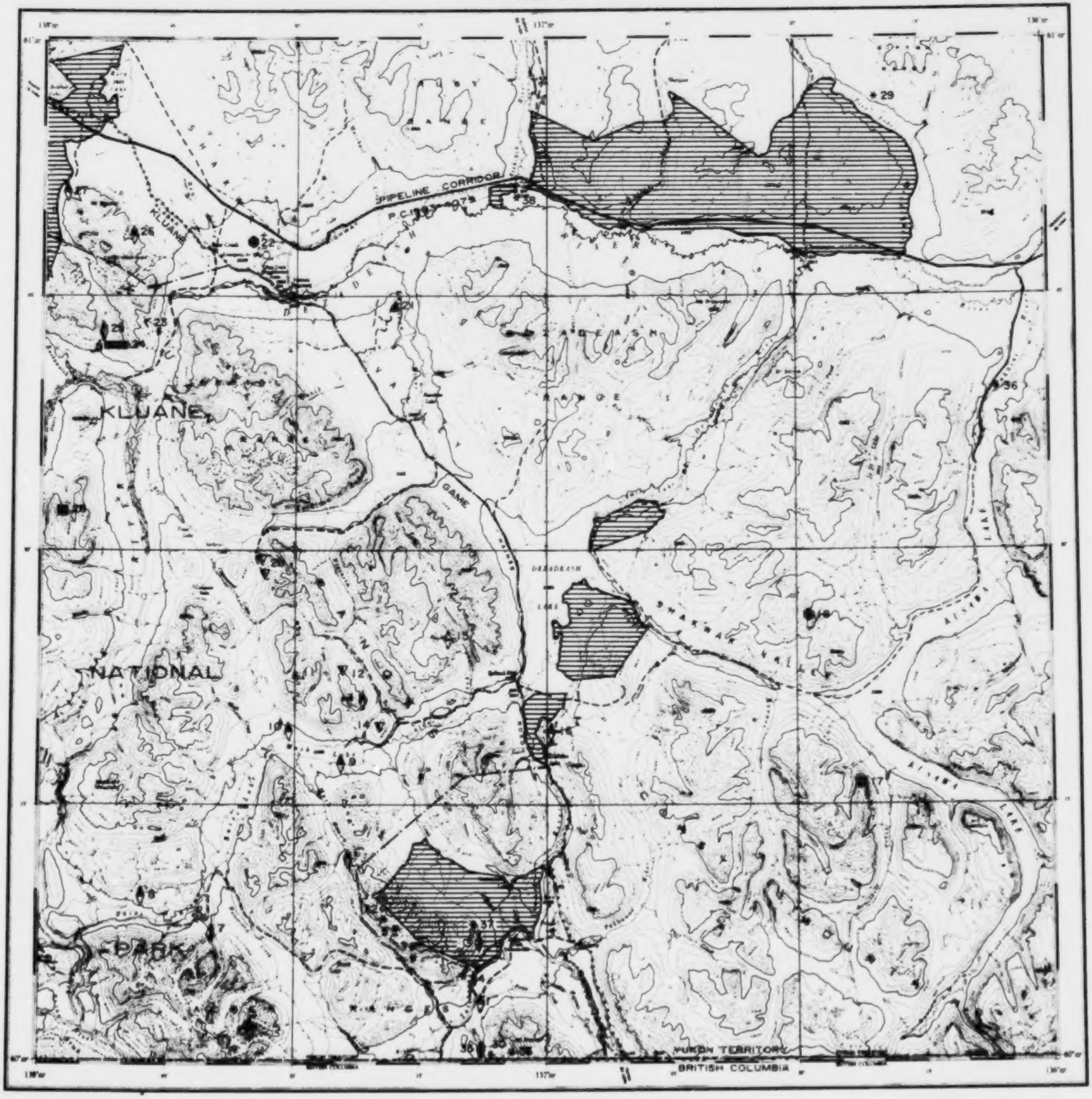
General view of Iron Creek in the western part of the Snake River deposit. Much of the preliminary work was done here because large tonnages could be mined by open pits. The upper and lower contacts of the iron formation are outlined. Arrows, transverse to the contacts, show where channel samples were taken. The numbers along Iron Creek are spaced at one-mile intervals to show horizontal scale. Local relief in the area is about 3000 feet.


A'
B'
C'
3000
4000
5000
IRON
CREEK
A
B
C
A
A'
METRES
1500
1000
B
B'
C
C'
MINEABLE ORE
PROFILES
LEGEND
EXPOSED
STRIPPABLE AT LESS THAN 1:1
6 BILLION TONS AVAILABLE AT STRIPPING RATIO OF 0.2:1
0
1
2
3
4
KILOMETRES

OPEN PIT ORE - IRON CREEK BLOCK

FROM ASSESSMENT REPORT 091697
BY W.G WAHL

115 A


PIPELINE CORRIDOR
P.C. 1393-1975
KLUANE
NATIONAL
PARK
GAME
DEZADEASH RANGE
DEZADEASH LAKE
SHAKWAK VALLEY
YUKON TERRITORY
BRITISH COLUMBIA
137°00'
136°00'
138°00'
61°00'
60°00'

DEZADEASH
YUKON TERRITORY

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

5 0 5 10 15 20 25 30
Kilometres

- - - - -	Tote Trail.
———	Driveable Road.
▬ A	Airstrip.

DEZADEASH MAP-AREA (NTS 115 A)

General References: GSC Map 1019A and Memoir 268 by E.D. Kindle, 1952;
GSC Open File 831 by R.B. Campbell and C.J. Dodds, 1982c.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	JACKPOT	Vein Cu	115 A 3	5	Findlay (1969b; p. 43-44); Sinclair and Gilbert (1975, p. 72); INAC (1985, p. 241)
2	DALTON	Deleted: no information			
3	KANE	Vein Ag Pb	115 A 3	5	INAC (1986, p. 166-168); This Report
4	CHICKALOON	Deleted: no information			
5	PHOTO	Work Target	115 A 3	9	Findlay (1969a, p. 74)
6	MUSH	Vein Cu	115 A 3	7	Skinner (1961, p. 37-38)
7	BATES	Vein Ag Pb	115 A 4	6	Kindle (1953, p. 56)
8	FENTON	Vein Cu	115 A 4	7	
9	CAVE	Stratabound Concordant Cu Vein Ag Cu	115 A 6	7	
10	SHAFT	Vein Cu	115 A 5	7	
11	BELOUD	Work Target	115 A 6, 5	9	Kindle (1953, p. 49-50, 55)
12	HUSKY	Stratabound Discordant Cu	115 A 6	7	
13	WREN	Vein Cu	115 A 6	7	
14	KEL	Stratabound Discordant Cu	115 A 6	7	
15	SHORTY	Breccia U	115 A 6	7	Kindle (1953, p. 49, 55)
16	KLUKSHU	Vein Cu	115 A 7	7	
17	DEVILHOLE	Porphyry Cu Mo Pb	115 A 8	7	
18	KUSAWA	Skarn Cu	115 A 8	7	
19	MILLHOUSE	Deleted: no information			
20	JOHOBO	Stratabound Discordant	115 A 5	3	Findlay (1967, p. 55); Kirkham (1971, p. 85)
21	REX	Asbestos	115 A 11	2	Findlay (1967, p. 55); Sinclair and Gilbert (1975, p. 73)
22	ELGIN	Skarn Cu	115 A 13	7	
23	STRIDE	Work Target	115 A 12	9	Kindle (1953, p. 56)
24	SUGDEN	Coal	115 A 12	7	Kindle (1953, p. 58)
25	FERGUSON	Vein Au	115 A 12	7	Bostock (1936b, p. 12); Bostock (1937, p. 11)
26	DECOELI	Vein Cu, Asbestos	115 A 13	7	
27	KLOO	Vein Cu	115 A 13	5	Findlay (1967, p. 54)
28	SOUTHER	Porphyry Cu Mo	115 A 12	7	Souther and Stanciu (1975, p. 66-70)
29	SIFTON	Work Target	115 A 16	9	INAC (1981, p. 251)
30	CHARLIE	Work Target	115 A 3	9	INAC (1982, p. 205)
31	KID	Work Target	115 A 3	9	INAC (1983, p. 189; 1986, p. 171
32	CYPRIOT	Work Target	115 A 3	9	INAC (1985, p. 241)
33	BEAT	Work Target	115 A 3	9	INAC (1986, p. 171)
34	JILL	Work Target	115 A 3	9	INAC (1986, p. 171)
35	BURGER KING	Vein Au	115 A 3	7	INAC (1987, p. 306)
36	NAGY	Work Target	115 A 9	9	INAC (1986, p. 171)
37	WIL	Work Target	115 A 3	9	INAC (1986, p. 170)
38	MARIA	Work Target	115 A 14	9	INAC (1987, p. 306)

21. REX

Archer, Cathro and Associates
(1981) Ltd
115 A 11, 14
60°45'N, 137°20'W

Claims: HOPE 1-72

22. ELGIN

R. Stack
115 A 13
60°48'N, 137°37'W

Claims: C.J. 1-4; ELLEN 1-5 FR

26. DECOELI

B. Lueck
115 A 13
60°48'N, 137°51'W

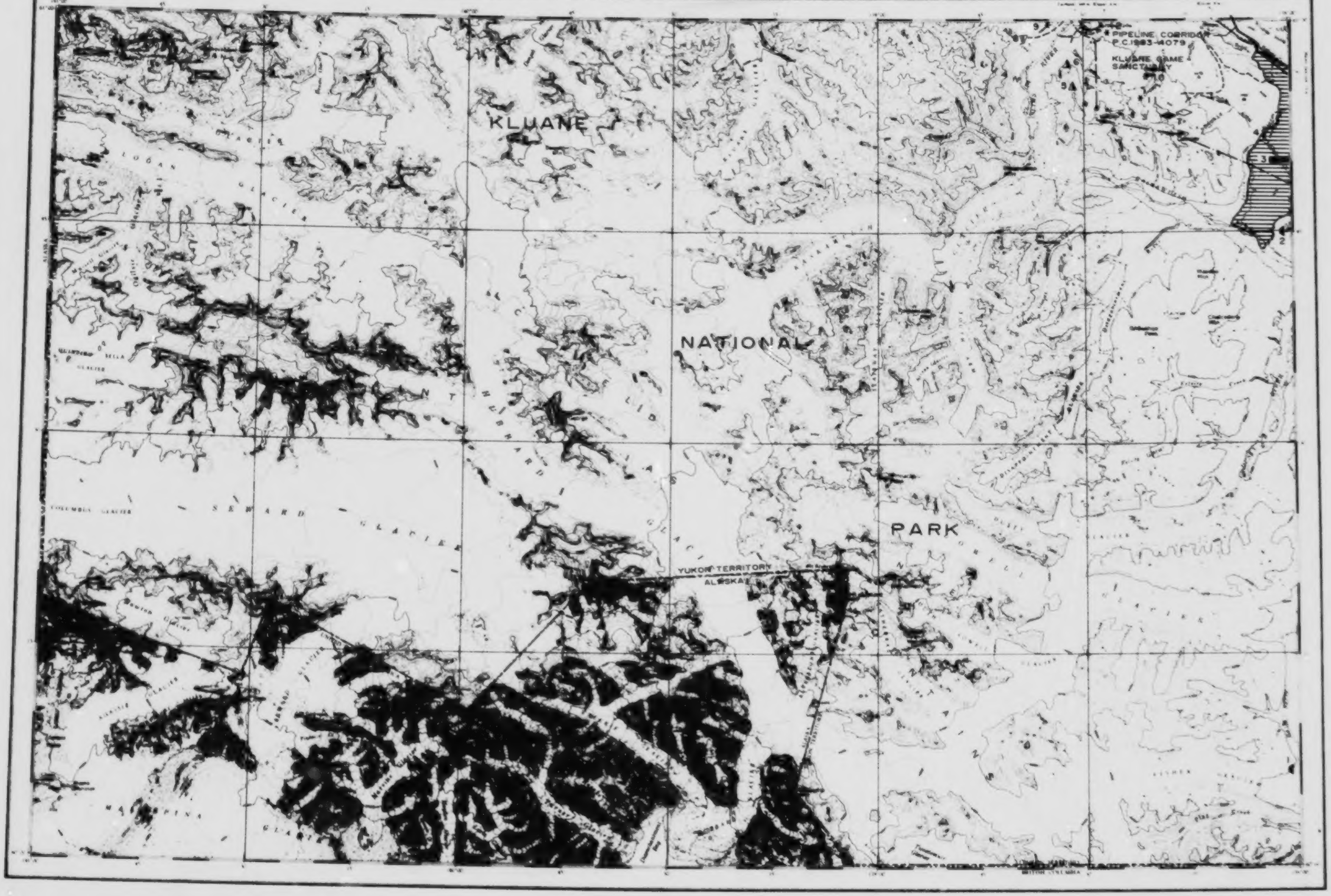
Claims: GREEN 1-154

27. KLOO

R. Stack
115 A 13
60°52'N, 138°55'W

Claims: HJ 1-10, 49-58

115 B & C


KLUANE
NATIONAL
PARK
PIPELINE CORRIDOR
P.C.1983-4079
KLUANE GAME
SANCTUARY
YUKON TERRITORY
ALASKA
LOGAN GLACIER
SEWARD GLACIER
COLUMBIA GLACIER
HUBBARD
MALASPINA
GLACIER
9
9
10
3
2

MOUNT ST. ELIAS
YUKON TERRITORY

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).
- - - - -	Tote Trail.
———	Driveable Road.
▬A	Airstrip.

5 0 5 10 15 20 25 30
Kilometres

MOUNT ST. ELIAS MAP-AREA (NTS 115 B–C)

General References: GSC Map 1143A by J.O. Wheeler, 1963;
GSC Open File 830 by R.B. Campbell and C.J. Dodds, 1982b.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	PLUG	Occurrence Cu Ag	115 B 1	7	
2	KASKAWULSH	Occurrence Cu Ag	115 B 9, 16	7	
3	KIMBERLEY	Coal	115 B 16	7	Kindle (1952, p. 58)
4	JARVIS	Work Target	115 B 16	7	McConnell (1905, p. 1-18)
5	DULUTH	Mafic/ultramafic-associated Ni Cu	115 B 15	7	
6	GIBBONS	Mafic/ultramafic-associated Ni Cu	115 B 15	7	
7	TELLURIDE	Stratabound Concordant Cu Pb Zn Ni	115 B 16	7	This Report
8	BULLION	Stratabound Discordant Gypsum Cu Pb	115 B 15	7	
9	SHEEP	Work Target	115 B 15	9	McConnell (1905, p. 1-18)
10	KUL	Work Target	115 B 16	9	INAC (1987, p. 309)
11	JENNIFER	Work Target	115 B 16	9	INAC (1987, p. 310)
12	SLIM	Work Target	115 B 16	9	This Report

TELLURIDE
Gaymont Prospecting Syndicate

Copper, Zinc, Silver, Gold,
Nickel, Stratabound
Concordant
115 B 16 (7)
60°54'N, 138°15'W
1955, 1956

References: No previous reference

Claims: CUB 1-51

Source: Summary by T. Bremner of assessment report 091722 by A.R. Clark.

Description:

Massive sulphide boulders weighing up to 13.7 tonnes were discovered in Cub Creek in 1955. Geophysical surveys in 1956 defined a northwest-trending resistivity low beneath more than 91.4 m of coarse glacial overburden. Three gravity profiles failed to show any change across the conductive zone. The anomaly was tested by three diamond drillholes totalling 107.9 m. All of the drillholes failed to reach bedrock due to broken casing.

TELLURIDE (SUGAR)
Reed Creek Joint Venture

Work Target
115 B 16 (7)
60°54'N, 138°15'W
1987

References: No previous reference

Claims: SUGAR 1-25

Source: Summary by T. Bremner of assessment report 092100 by W.D. Eaton.

History:

The SUGAR claims were staked in 1987 to cover part of an ultramafic sill which hosts nickel, copper and platinum group elements on the adjacent ULTRA property. Kuroko-type banded copper-lead-zinc float, and massive copper-nickel float were reported in till from the lower part of Telluride Creek by the Geological Survey of Canada in 1904. Gaymont Prospecting Syndicate staked the first hard rock claims in the area in 1955 and discovered the Frohberg showing, source of the massive copper-nickel float, on the present ULTRA property. The area was very active between 1955 and 1969, with five separate ventures exploring the area on Lower Telluride Creek for the source of the banded sulphides. Work included prospecting, numerous geophysical surveys, soil geochemistry and shallow drilling. In 1977 Archer, Cathro and Associates restaked the area for Aquitaine and located the source of the banded sulphide float, a small eroded lens in the cirque at the head of Telluride Creek on the present ULTRA property. The area was inactive between 1977 and 1987.

Description:

Two ultramafic sills of Lower to Middle Triassic age intrude Pennsylvanian andesitic pyroclastic rocks and Lower Permian phyllite and limestone along the Duke River Fault. One of the sills consists of serpentinite, the other is dunite with pyroxenite, serpentinite and gabbro phases. Minor amounts of pyrite and pyrrhotite occur in most units on the property and traces of malachite occur in narrow shears on the margins of the ultramafic bodies..

Current Work and Results:

Fifty-two soil and 38 rock samples were taken during reconnaissance prospecting in 1987. Up to 1880 ppm Ni and 620 ppm Cu were obtained downslope from the dunite sill, along with platinum group and gold values up to 2.5 ppb Pt, 65 ppb Pb and 10 ppb Au. A fractured volcanic rock containing visible malachite returned over 2% Cu but low nickel and precious metal values.

7. TELLURIDE

Archer, Cathro and Associates
(1981) Ltd
115 B 16
60°53′N, 138°15′W

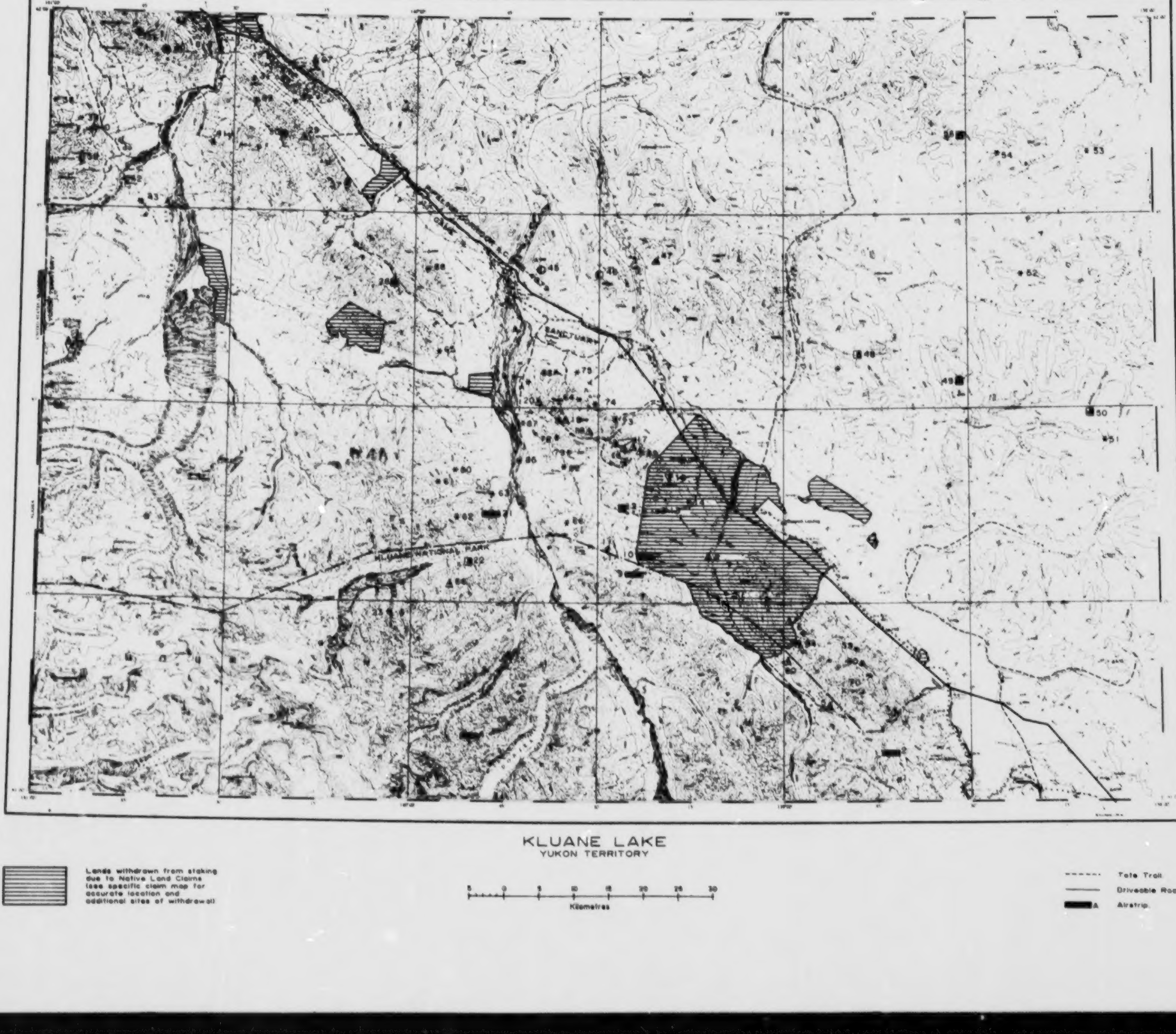
Claims: ULTRA 1-20, SUGAR 1-25

12. SLIM

B. Lueck, P. Langevin
115 B 16
60°59′N, 138°15′W

Claims: SLIM 1-10, 20-27

115 G & F


SANCTUARY
KLUANE NATIONAL PARK
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KLUANE LAKE
YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

5 0 5 10 15 20 25 30
Kilometres

- - - - Tote Trail
—— Driveable Road
▬ A Airstrip

KLUANE MAP-AREA (NTS 115 F-G)

General References: GSC Map 1177A and Memoir 340 by J.E. Muller, 1967;
GSC Open File 829 by R.B. Campbell and C.J. Dodds, 1982a;
GSC Geochem Open File 1362.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	METALLINE	Work Target	115 G 2	9	McConnell (1905, p. 18)
2	STOVE	Coal	115 G 2	7	Muller (1967, p. 113-114)
3	CONGDON	Mafic/ultramafic-associated Ni Cu	115 G 2	7	Sinclair and Gilbert (1975, p. 66-67)
4	MULLER	Coal	115 G 4	7	Muller (1967, p. 112)
5	DICKSON	Mafic/ultramafic-associated Ni Cu Co	115 G 2	7	
6	DESTRUCTION	Mafic/ultramafic-associated Ni Cu	115 G 2	6	This Report
7	WINDGAP	Asbestos	115 G 6	7	Craig and Laporte (1972, p. 153-154)
8	DUKE	Asbestos	115 G 6	7	
9	HOGE	Coal	115 G 6	7	Muller (1967, p. 113-115)
10	AMPHITHEATER	Coal	115 G 6	7	Muller (1967, p. 113-115)
11	WADE	Occurrence Cu Ag	115 G 6	7	INAC (1987, p. 314-315)
12	CORK	Porphyry Cu Mo	115 G 6	5	INAC (1981, p. 256; 1987, p. 315-316)
13	GLEN	Volcanic-hosted Au Cu	115 G 6	7	INAC (1986, p. 178-179; 1987, p. 315-316)
14	BURWASH	Work Target	115 G 6	9	Cairnes (1915b, p. 31)
15	JACQUOT	Stratabound Discordant	115 G 6	7	Kirkham (1971, p. 85); Craig and Laporte (1972, p. 103)
16	QUILL	Stratabound Discordant	115 G 6	5	Findlay (1969a, p. 70-72); Kirkham (1971, p. 85); INAC (1986, p. 179)
17	LINDA	Ultramafic-associated Ni Cu PGE	115 G 6	7	This Report
18	WELLGREEN	Ultramafic-associated Ni Cu PGE	115 G 5	3	Eckstrand (1972, p. 82-82); Sinclair and Gilbert (1975, p. 64-65); Campbell (1976)
19	AIRWAYS	Ultramafic-associated Cu Ni	115 G 5	5	INAC (1983, p. 193, 195; 1986, p. 179); This Report
20	MUSKETEER	Ultramafic-associated Cu Ni	115 G 12	7	This Report
21	CEMENT	Coal	115 G 5	7	McConnell (1905, p. 18); McConnell (1906, p. 19-26)
22	ST. ELIAS	Porphyry Mo	115 G 5	7	Skinner (1961, p. 36)
23	SHARPE	Work Target	115 F 1	9	Muller (1967, p. 112)
24	GALLOPING	Work Target	115 F 1	9	Skinner (1961, p. 36)
25	ICEFIELD	Work Target	115 F 1	9	Skinner (1961, p. 36)
26	GARLIC	Porphyry Cu Mo Au	115 F 9	7	INAC (1983, p. 193-194)
27	LIBERTY	Vein, Replacement Cu Ni	115 F 16	7	
28	DUENSING	Work Target	115 F 16	9	
29	CATS AND DOGS	Ultramafic-associated Cu Ni	115 F 16	7	INAC (1983, p. 193, 195); This Report
30	MEXICO	Skarn Cu	115 F 16	7	
31	PICKHANDLE	Work Target	115 F 16	9	Kirkham (1971, p. 85)
32	SEVENSMA	Work Target	115 F 15	9	
33	CANALASK	Ultramafic-associated Ni Cu PGE	115 F 15	2	Findlay (1969b, p. 39); Eckstrand (1972, p. 81-82); Sinclair and Gilbert (1975, p. 60-61); This Report
34	EPIC	Vein Cu Mo	115 F 15	7	
35	TAYLOR	Skarn Cu Mo	115 F 15	7	
36	SANPETE	Skarn Cu Fe	115 F 15	7	Craig and Milner (1975, p. 7-38)
37	HUMP	Work Target	115 F 15	9	Johnston (1915, p. 193)
38	MEMOIR	Work Target	115 F 15	9	Cairnes (1915b, p. 141)
39	MCLENNAN	Work Target	115 F 15	9	Cairnes (1915b, p. 141)
40	RABBIT	Vein Cu	115 F 15	7	Cairnes (1915b, p. 123-124)
41	LEP	Work Target	115 F 15	7	Craig and Milner (1975, p. 38-39)
42	WHITE RIVER	Stratabound Discordant Cu	115 F 15	6	Sinclair et al (1975, p. 138-139); INAC (1982, p. 210; 1985, p. 247)
43	SHARE	Deleted: no information			
44	KLETSAN	Vein Cu	115 F 10	7	Moffit and Knopf (1910, p. 51-57); Findlay (1969b, p. 42)
45	ELEVENTHIRTY	Skarn W Cu	115 G 12	7	Bostock (1952, p. 40)
46	KENNEDY	Skarn W Cu	115 G 12, 11	7	Bostock (1952, p. 40)
47	TINCUP	Asbestos	115 G 11	7	INAC (1981, p. 256)
48	BROOKS	Porphyry Mo	115 G 10	7	Muller (1967, p. 112-113)
49	TALBOT	Porphyry Cu	115 G 10	7	INAC (1981, p. 256)
50	RAFT	Porphyry Mo W	115 G 8	7	INAC (1981, p. 256)
51	ROCKSLIDE	Work Target	115 G 8	9	Muller (1967, p. 112-113); INAC (1982, p. 210)
52	DWARF	Work Target	115 G 9	9	Sinclair and Gilbert (1975, p. 70-71)
53	BIRCH	Work Target	115 G 16	9	Craig and Milner (1975, p. 83)
54	BRUMMER	Work Target	115 G 16	9	Craig and Milner (1975, p. 85-86)
55	RHYOLITE	Porphyry Cu Mo	115 G 15	7	Craig and Milner (1975, p. 83, 87)
56	NICK	Mafic/ultramafic-associated Ni Cu	115 G 5	7	
57	KOIDERN (M)	Work Target	115 F 16	9	Morin et al (1977, p. 165)
58	CAM	Vein Au Cu	115 F 15	7	INAC (1985, p. 246-247)
59	BOCK	Work Target	115 G 2	9	INAC (1985, p. 247)

60	MAR	Work Target	115 G 5	9	INAC (1986, p. 177)
61	NORTH C	Work Target	115 G 5	9	INAC (1985, p. 247)
62	SOUTH C	Work Target	115 G 5	9	INAC (1985, p. 247)
63	EAST C	Work Target	115 G 5	9	INAC (1985, p. 247)
64	SJ	Work Target	115 G 5, 12	9	INAC (1985, p. 247)
65	YNX	Work Target	115 G 12	9	INAC (1985, p. 247)
66	WADE CREEK	Work Target	115 G 5	9	INAC (1986, p. 179);
67	PICK	Vein Au Ag	115 F 16	7	INAC (1987, p. 316-317)
68	KELLI	Work Target	115 G 12	9	INAC (1987, p. 318)
69	ONION	Ultramafic-associated Ni Cu PGE	115 F 15	7	INAC (1987, p. 318); This Report
70	I	Work Target	115 G 2	9	INAC (1987, p. 318); This Report
71	ARCH	Deleted: same as #18 WELLGREEN			
72	ORO	Deleted: same as #20 MUSKETEER			
73	ARBY	Work Target	115 G 6	9	INAC (1987, p. 318)
74	SWEDE	Work Target	115 G 12	9	INAC (1987, p. 318); This Report
75	ROSE	Delete: same as #68 KELLI			
76	SELL	Delete: same as #68 KELLI			
77	ODD	Work Target	115 G 12	9	INAC (1987, p. 319)
78	PLATA	Work Target	115 G 5	9	INAC (1987, p. 319)
79	ARNOLD	Deleted: same as #78 PLATA			
80	DUKE SOUTH	Ultramafic-associated Cu Ni PGE	115 G 2	7	This Report
81	RIDGE	Work Target	115 F 15	9	This Report
82	MAC	Work Target	115 G 5	9	This Report
83	HAZEL	Work Target	115 F 15	9	This Report
85	DON	Work Target	115 G 5	9	This Report
86	WON	Work Target	115 F 16	9	This Report
87	MISSY	Work Target	115 G 6	9	This Report
88	SAL	Work Target	115 G 12	9	This Report
89	WASH	Ultramafic-associated Ni Cu PGE	115 G 6	7	This Report
90	TONY	Work Target	115 G 2	9	This Report

DESTRUCTION
Yukon Exploration Co.

Nickel, Copper
Ultramafic-Associated
115 G 16 (6)
61°18'N, 138°12'W
1953

References: No previous reference

Claims: RAM 1-72

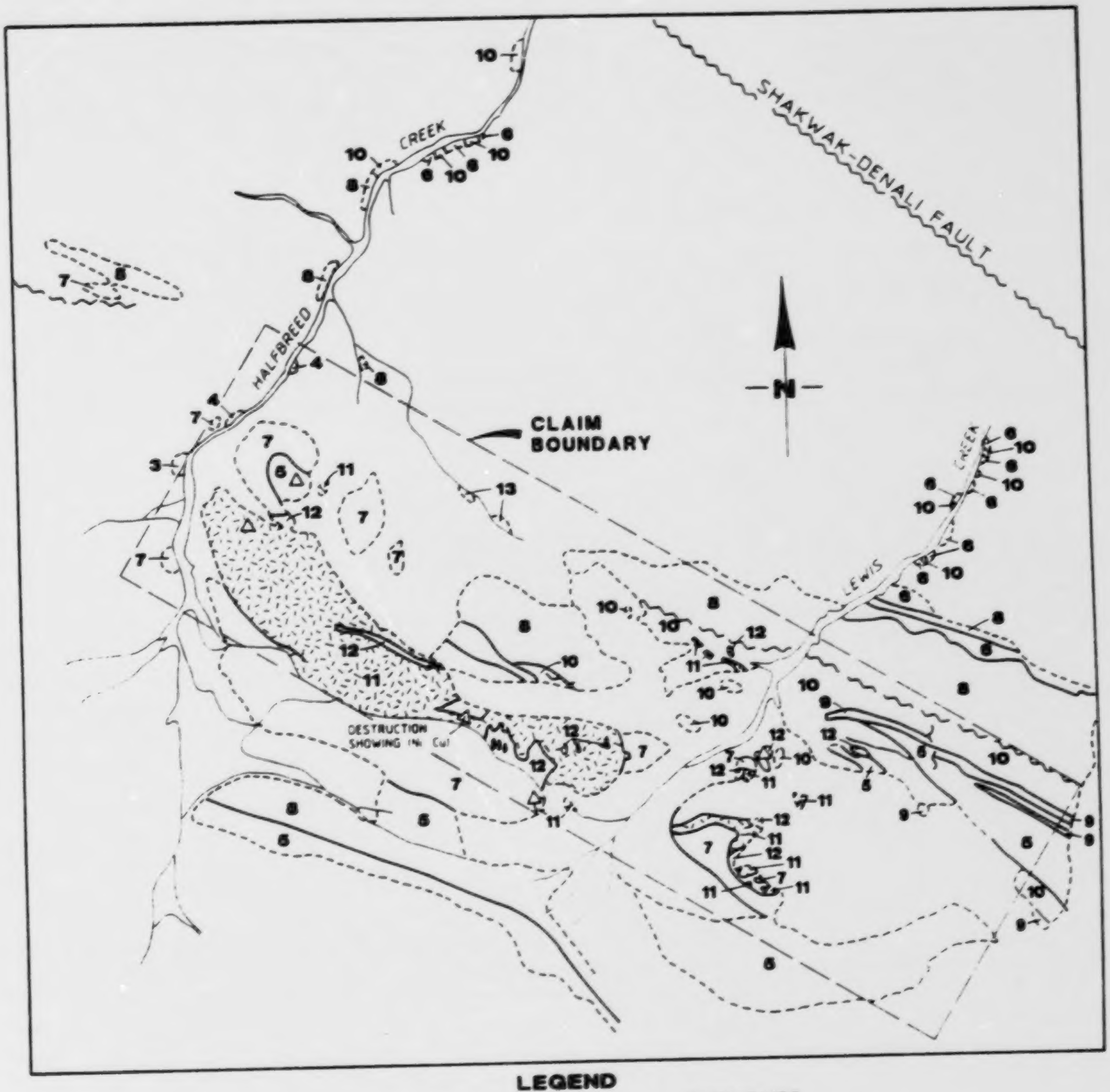
Source: Summary by T. Bremner of assessment report 091698 by J.R. Woodcock.

Description:

Copper and nickel are reported in a Lower to Middle Triassic peridotite sill which intrudes Permian chert and chert conglomerate. Dark grey gabbro dykes and plugs occur within the peridotite intrusion or along the footwall. The intrusion strikes northwest and dips to the southwest. It appears conformable on a large scale but in detail it pinches and swells and locally crosscuts bedding. Pyrrhotite and chalcopyrite are disseminated in the peridotite and gabbro and occur as massive sulphides near the footwall of the intrusion.

Current Work and Results:

In 1953, detailed mapping and prospecting turned up two small massive sulphide showings, three small areas of disseminated sulphides and numerous small copper showings. A 20 by 50 cm lens of massive sulphide in grey gabbro on the south side of Lewis Creek assayed 2.5% Cu, 2.8% Ni, 0.29% Co and 6.5 g/t Pt. The gabbro carried disseminated sulphides for about 0.6 m on each side of the lens. A chip sample of the disseminated sulphides contained 0.7% Cu and 0.44% Ni over 0.6 m. Irregular 5 cm x 15 cm lenses of massive sulphides surrounded by oxidized rusty zones up to 15 cm wide and 45 cm long were found in footwall chert on the ridge crest between Lewis and Halfbreed Creeks. A specimen containing chert and massive sulphide assayed 1.1% Cu and 0.78% Ni. Disseminated sulphides were found at widely scattered locations associated with brown mica alteration of the host peridotite. The main copper showing was found near Halfbreed Creek in highly epidotized pyroclastic rock. Bornite is disseminated through a small outcrop and chalcopyrite occurs in 1 cm thick lenses occupying fractures.



SHAKWAK-DENALI FAULT
HALFBREED
CREEK
CLAIM BOUNDARY
N
LEWIS
CREEK
DESTRUCTION SHOWING (Ni Cu)

LEGEND

TERTIARY

3	Volcanics - lavas and pyroclastics
4	Sediments - conglomerate sandstone lignite

MESOZOIC & PALEOZOIC VOLCANICS

5	Coarse & fine pyroclastics, andesite
6	Greenish and redish andesite

SEDIMENTS

7	Permian - chert, chert conglomerate, quartzite
8	Argillite and black limy slate
9	Massive limestone
10	Undifferentiated sediments - thinly-bedded black limestone, chert, slate

INTRUSIVES

11	Black fine-grained peridotite
12	Grey coarse-grained gabbro
13	Rhyolite
——	Ridge or Divide
〰	Fault
----	Contact
△	Sulphide Showing

HALFBREED CREEK PROPERTY
(RAM CLAIMS)

DETAILED GEOLOGY FROM ASSESSMENT REPORT
091698 BY J R WOODCOCK 1953

LINDA
Rockridge Mining Corp.
Kluane Joint Venture
2001 Resource Industries Ltd

Nickel, Copper, PGE
Ultramafic-Associated
115 G 6 (17)
60°27'N, 139°25'W
1987

References: Findlay (1969a, p. 70-72); Kirkham (1971, p. 85)

Claims: KLU 1-71

Source: Summary by T. Bremner of assessment report 092008 by R.J. Cathro (Archer, Cathro and Associates (1981) Ltd).

History:

Yukon Mining Co. Ltd staked the JEEP claims in the Linda Creek drainage in 1952. Hudson Bay Mining and Smelting Co. optioned the property, conducting prospecting, mapping and geophysical surveys in 1953. After drilling four holes in 1953-54 Hudson Bay allowed the claims to lapse. P. and H. Versluce restaked the property in 1965. Quill Creek Mines Ltd was formed in 1966 to develop the property in conjunction with a copper showing in Triassic volcanics on adjoining claims to the south. Newmont optioned the property and carried out mapping and sampling in 1967-68. The claims were again optioned in 1972 by the Nickel Syndicate, which carried out mapping, sampling and bulldozer trenching in the same year. The KLU claims were staked in 1987 as a result of renewed interest in the platinum potential of the area.

Description:

Copper, nickel and platinum group elements occur in serpentinized peridotite and gabbro of Lower to Middle Triassic age. The ultramafic rocks form a large sill offset by faulting from a similar sill which hosts the Wellgreen deposit, 5 km to the northwest. The sill intrudes Pennsylvanian pyroclastic rocks and Permian argillite, greywacke, limestone and conglomerate. Disseminated chalcopyrite and pyrrhotite occur near the sill margins and massive to disseminated sulphides occur in faulted or fractured wallrocks near the ultramafic contact.

Current Work and Results:

In 1987 the western half of the property was explored by grid geochemistry, VLF-EM, proton magnetometer and gradiometer surveys accompanied by geological mapping, prospecting and rock sampling. A control survey tied the grid onto the main Wellgreen grid.

The magnetic survey proved useful in mapping the ultramafic rocks beneath overburden. Northeast-trending magnetic lows offsetting the general east-west trend of magnetic anomalies are interpreted as major faults along which alteration has destroyed the magnetic susceptibility of the rock. The VLF survey highlighted major east-west trending faults which cross the property.

Isolated conductors with short strike length may represent sulphide concentrations.

A total of 633 soil samples were analysed for platinum, palladium, gold, nickel and copper. Platinum and palladium anomalies in soil generally coincided with high nickel and copper values. The strongest and largest anomaly (400 ppb Pt) led to the discovery of a new area of mineralized float named the TEX showing, which occurs at the head of a creek near the east end of the grid. Sulphides occur as disseminations and fracture fillings in sheared and quartz-carbonate altered peridotite intruding andesitic tuff. A grab sample returned 0.99 g/t Pt, 0.93 g/t Pd, 0.18% Ni and 0.33% Cu. Another geochemical anomaly is underlain by a large landslide which occupies the central part of the property and appears to have originated from the northeast corner of the claims. A composite peridotite grab sample from the toe of the slide returned 0.34 g/t Pt, 0.61 g/t Pd, 0.27% Ni and 0.12% Cu.

Five other previously-known showings were examined and sampled in 1987. The best results were obtained from the UPPER showing which outcrops 1.5 km upstream on the southwest side of Linda Creek. A vertical east-trending shear zone in siltstone and altered gabbro hosts three 1 m lenses of massive pyrrhotite and chalcopyrite, and disseminated sulphides, limonite and patchy malachite and azurite over a strike length of 12 m and a width of 1.3 m. Two chip samples 3 m apart returned 2.2 g/t Pt, 1.6 g/t Pd, 1.80% Ni and 1.02% Cu over 1.3 m, and 0.99 g/t Pt, 0.71 g/t Pd, 0.66% Ni and 0.41% Cu over 1.1 m.

AIRWAYS, MUSKETEER
Pak-Man Resources Inc.
Rockridge Mining Corporation
Kluane Joint Venture

Copper, Nickel, PGE
Ultramafic-Associated
115 G 6 (19, 20)
60°27'N, 139°25'W
1987

References: No previous reference

Claims: BARNY 1-50; MUS 1-16; AMP 1-10; EUGENE 1-44

Source: Summary by T. Bremner of assessment Report 092007 by R.J. Cathro (Archer, Cathro & Associates (1981) Ltd).

History:

The present ARCH property covers two old mineral occurrences known as AIRWAYS and MUSKETEER. The AIRWAYS occurrence was staked in 1952 as the ENGER etc. claims by a syndicate of Prospectors Airways Ltd, Noranda Mines Ltd and Kerr Addison Gold Mines Ltd. Mapping, geophysical surveys and 143 m of drilling were done between 1953 and 1955. The property was restaked in 1964 by J. Brown.

The MUSKETEER occurrence was staked as the adjoining MUSKATEER and DONJEK claims in 1952 by Teck Exploration Co. and Conwest Exploration Ltd respectively. Both companies performed mapping and prospecting in 1953, followed up by magnetic, EM and resistively surveys on the MUSKATEER block in 1955.

In 1966, P. Versluce and C. Gibbons restaked both occurrences. Geophysical surveys, mapping, trenching and road building were carried out between 1967 and 1970. In 1972 the Nickel Syndicate optioned both properties and conducted more mapping geochemical and geophysical surveys and trenching. W. Green restaked the AIRWAYS occurrence in 1976 and performed some hand trenching between 1977 and 1980.

In 1986, Archer, Cathro and Associates (1981) Ltd acquired the present property, on behalf of Kluane Joint Venture, by staking and option. Pak-Man Resources Inc. and Rockridge Mining Corp. optioned the property from Kluane Joint Venture in the same year and funded the 1987 exploration program.

Description:

Nickel, copper and platinum group elements occur in disseminated and massive sulphides in gabbro associated with a large lens-shaped body of serpentinized peridotite which outcrops north of Arch Creek. The ultramafic body is about 750 m long and over 100 m wide, and lies on trend with similar ultramafic sills of Lower to Middle Triassic age which host the WELLGREEN deposit. Host rocks consist of siliceous tuff andesite and volcanic breccia of the Pennsylvanian Station Creek Formation.

Current Work and Results:

A former grid was rehabilitated, extended and tied into the WELLGREEN grid in 1987. This was following by mapping, prospecting, geochemical, VLF and proton magnetometer and gradiometer surveys and trenching. A total of 750 m of trenching was done on the AIRWAYS, FW and CONDIE showings, exposing 500 m of bedrock. The latter two are new showings inferred from 1972 data and uncovered during the 1987 program.

The AIRWAYS showing consists of a narrow band of massive pyrrhotite and chalcopyrite 1.5 m wide and 10 m long, covered by overburden at both ends. A 1.5 m chip sample assayed 1.8 g/t Pt, 3.2 g/t Pd, 2.51% Ni, 0.57% Cu and 0.07 g/t Au. Disseminated sulphides which are exposed over a 45 x 20 m area were chip sampled over 5 m, returning 0.41 g/t Pt, 0.55 g/t Pd, 0.36% Ni, 0.25% Cu and 0.07 g/t Au.

The FW showing occurs in a creek cut 330 m northwest of the AIRWAYS showing. Disseminated pyrrhotite and chalcopyrite occur in a shear zone separating olivine gabbro from limestone and siliceous argillite. Intermittent mineralization extends over a strike length of 33 m and a width of 5 m. A grab sample of copper-stained, limonitic, sheared siliceous argillite assayed 5.6 g/t Pt, 2.1 g/t Pd, 0.34% Ni, 0.23% Cu and 0.62 g/t Au. Two mineralized float specimens were found in a trench midway between the FW and AIRWAYS showings, suggesting the mineralization may be continuous beneath overburden. The float specimens averaged 1.2 g/t Pt, 1.7 g/t Pd, 1.34% Ni and 0.84% Cu.

The CONDIE showing is a creek exposure of disseminated pyrrhotite and chalcopyrite in gabbro 220 m west of the FW showing. It occurs at the contact between the peridotite and limonitic quartzite. Several specimens returned 1.6 g/t Pt. 1.2 g/t Pd, 0.97% Ni, 0.38% Cu and 0.2 g/t Au. Another small showing was also located 110 m downstream from the main CONDIE showing at the lower margin of the sill.

The old MUSKETEER and CONWEST showings could not be located in 1987.

MUSKETEER	**Nickel, Copper**
Silverquest Resources Ltd	**Ultramafic-Associated**
	115 G 12 (20)
	61°31'N, 140°41'W
	1987

References: No previous reference

Claims: JEK 1-48

Source: Summary by T. Bremner of assessment report 092089 by W.D. Eaton (Archer, Cathro & Associates (1981) Ltd).

History:

The JEK claims were staked in 1987 to cover the projected extensions of ultramafic sills that host copper, nickel and platinum group elements at the former WELLGREEN mine 8 km to the southeast.

Description:

Malachite, chalcopyrite and pyrite occur as fracture fillings and disseminations in pyroclastic rocks of the Pennsylvanian Station Creek Formation.

Current Work and Results:

Only thirty-eight reconnaissance soil samples were taken in 1987. The samples contained background values of all 34 elements analysed. Three representative rock samples were also taken. A specimen of malachite-stained tuff contained 3400 ppm Cu, 220 ppm Ni, 57 ppm Co, 400 ppm Cr, 260 ppm Zn, 8 ppm Ag and 42 ppb Au.

CATS AND DOGS
Silverquest Resources Ltd

Copper, Nickel
Ultramafic-Associated
115 F 16 (29)
61°51'N, 140°19'W
1987

References: INAC (1983, p. 193, 195)

Claims: CATS 1-12; DOGS 1-16; LIBERTY 1-12

Source: Summary by T. Bremner of assessment report 091994 by W.D. Eaton (Archer, Cathro and Associates (1981) Ltd).

History:

The property was originally staked in 1953 by Canalask Nickel Mines Ltd to cover an elongate aeromagnetic anomaly. A winter road was built to the property but the claims were allowed to lapse after a diamond drill program failed to penetrate the overburden. The property was restaked several times between 1966 and 1976 by a variety of owners, with bulldozer trenching being done in 1967 and 1969, and hand trenching in 1973-74. A thick blanket of frozen organic material and volcanic ash prevented any of these trenches from reaching bedrock. Western Mines Ltd optioned the property in 1975 and conducted mapping, a magnetic survey, geochemical sampling and hand trenching in 1975-76. The property was restaked by Kluane Joint Venture, (Chevron Minerals Ltd and All-North Resources Ltd) in 1986 and optioned to Silverquest Resources Ltd in 1987.

Description:

A highly sheared, fractured and serpentinized peridotite sill of Lower to Middle Triassic age intrudes andesitic to dacitic tuff near the top of the Pennsylvanian Station Creek Formation. The sill and the enclosing tuff appear to be repeated by anticlinal folding. Several small copper showings occur within the tuff unit. These consist of pyrite, chalcopyrite, malachite and azurite disseminated through the rock and filling fractures. The best showing is a concordant layer 10 m long and 0.3 - 1.0 m wide containing 2 to 5% chalcopyrite. Traces of disseminated pyrite and pyrrhotite also occur in the ultramafic sill.

Current Work and Results:

Because of the thick volcanic ash cover, 1987 geochemical samples were taken only from the banks of streams cutting through the property. Fifteen rock and 150 soil samples were analysed for platinum and palladium and a variety of other metals. Many soil samples returned weakly to moderately anomalous platinum (20-50 ppb), palladium (20-35 ppb) and nickel (100-2520 ppm). Specimens of pyrite-, chalcopyrite- and malachite-bearing rock assayed up to 1.2% Cu but returned low values of Ni, Pt, Pd and Au.

Two peridotite samples from the sill, each containing about 2% disseminated pyrrhotite, were strongly anomalous in platinum, palladium and nickel, returning 3100 and 2200 ppm Ni, 75 and 137 ppb Pt and 160 and 103 ppb Pd respectively.

CANALASK	**Nickel, Copper, PGE**
Rockridge Mining Corp.	**Mafic/Ultramafic-Associated**
Kluane Joint Venture	**115 F 15 (33)**
	61°57'N, 140°32'W
	1987

References: Findlay (1969b, p. 39); Eckstrand (1972, p. 81-82); Sinclair and Gilbert (1975, p. 60-61)

Claims: MICRO 1-4, 6, 10-12; WENG 1-10 including fractions; CANA 1-6

Source: Summary by T. Bremner of assessment report 092009 by R.J. Cathro (Archer, Cathro and Associates (1981) Ltd).

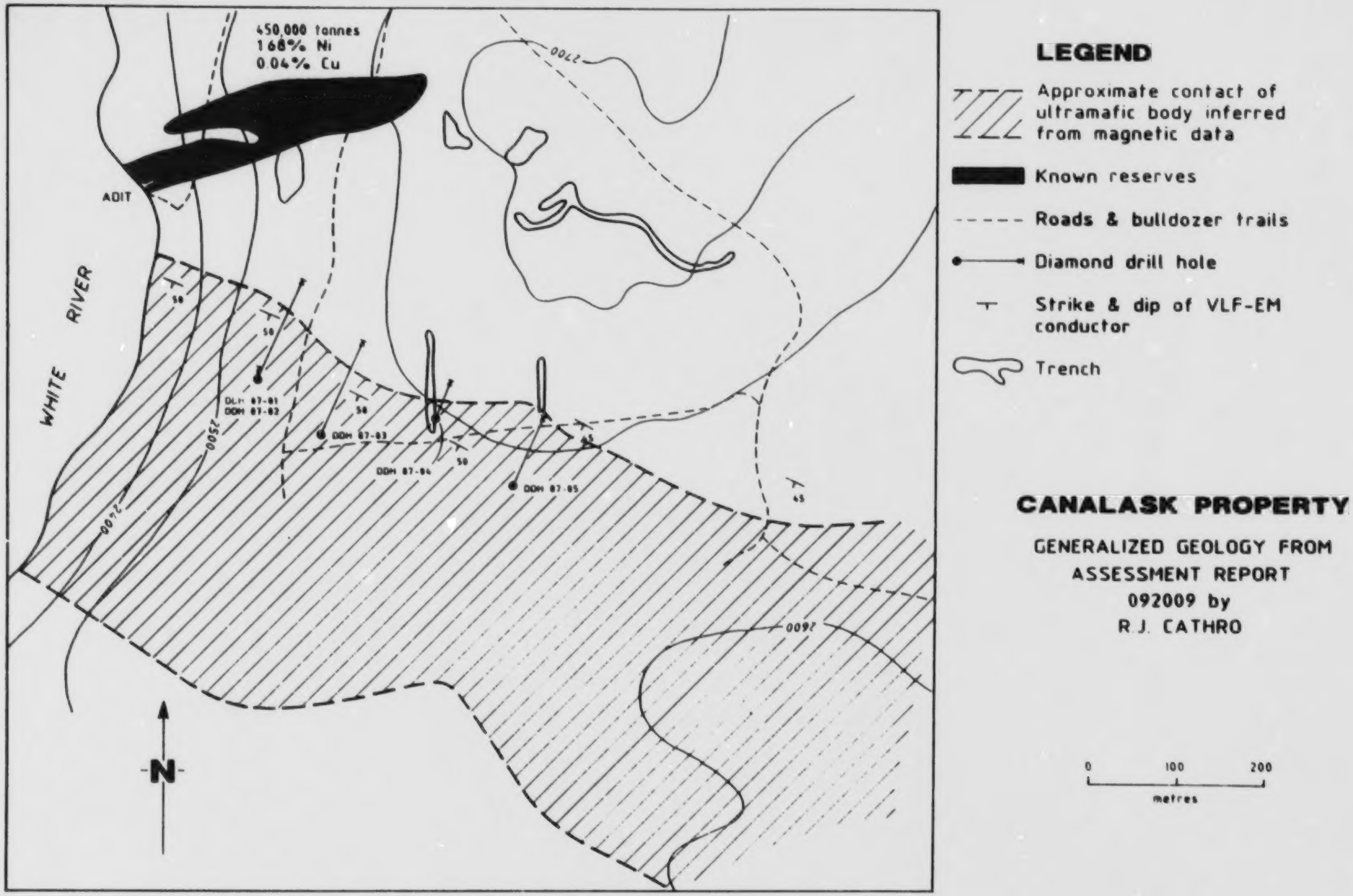
Description:

Copper, nickel and platinum group elements occur within albitized silicified tuff of the Pennsylvanian Station Creek formation. Pyrite, pyrrhotite, chalcopyrite and pentlandite are disseminated in bands and fill fractures within two parallel shatter zones in the footwall of a mafic-ultramafic sill about 110 m thick. Some mineralization also occurs as thin beds or lenses of massive sulphide. Surface and underground exploration in 1973 defined reserves of 450 000 tonnes grading 1.68% Ni and 0.04% Cu. A 1973 bulk sample returned a concentrate grade of 19.7% Ni, 1.02 g/t Pt and 0.65 g/t Pd.

Current Work and Results:

In 1987 the property was re-evaluated for its platinum potential. Work included 10 km of VLF-EM and gradiometer magnetic surveys, limited soil and rock sampling and five diamond drillholes totalling 602.9 m. Two 1972 trenches were deepened and chip sampled and four 1973 drillholes were also re-logged and sampled.

Most of the 1987 work was directed toward exploring the overburden-covered extension of the ultramafic sill east of the Canalask deposit. The two bulldozer trenches exposed the footwall contact of the sill.Chip samples from both trenches were anomalous in copper, nickel, platinum and palladium, returning values up to 0.41 g/t Pt, 11.65 g/t Pd, 0.11% Cu and 0.42% Ni over 3 m.


450,000 tonnes
168% Ni
0.04% Cu
ADIT
WHITE RIVER
2700
2500
2400
2600
50
50
50
50
45
45
DDH 87-01
DDH 87-02
DDH 87-03
DDH 87-04
DDH 87-05
N
LEGEND
Approximate contact of ultramafic body inferred from magnetic data
Known reserves
Roads & bulldozer trails
Diamond drill hole
Strike & dip of VLF-EM conductor
Trench
0
100
200
metres

CANALASK PROPERTY

GENERALIZED GEOLOGY FROM
ASSESSMENT REPORT
092009 by
R.J. CATHRO

The drilling tested a strike length of 450 m east of the river. Drill logs revealed that the sill is mainly dunite. The footwall rock in the 1987 drillholes consists of interbedded quartzite and argillite rather than the interbedded tuff and limestone cored in the 1973 drillholes. Significant platinum group mineralization was confined a 3.05 m interval in DDH 73-7 which returned 0.45 g/t Pt, 1.37 g/t Pd, 0.94% Ni and 0.33% Cu from a gabbro phase at the footwall margin of the sill.

ONION, CANALASK (IV)	**Work Target**
(Adjoins ONION and CANALASK properties)	**115 F 15, 16 (69,33)**
Polestar Exploration Inc.	**61°58'N, 139°45'W**
	1987

References: INAC (1987, p. 318)

Claims: IV 1-20; V 1-36

Source: Summary by T. Bremner of assessment report 092092 by C.H. and J.H. Montgomery (Montgomery Consultants Ltd.).

Description:

The claims cover ultramafic rocks on the north and south side of the White River, on trend with the CANALASK copper-nickel-PGE prospect. The ultramafic rocks contain disseminated pyrite, pyrrhotite, minor chalcopyrite and anomalous concentrations of gold, platinum and palladium.

Current Work and Results:

In 1987, 232 rock samples and 383 soil samples were taken on a grid overlying the ultramafic body. A 700 x 100 m platinum-palladium soil anomaly was outlined on the north side of the river which returned values up to 88 ppb Pt and 46 ppb Pd. South of the river, three gold anomalies in rock and soil returned values up to 280 ppb Au, and six platinum-palladium anomalies returned values up to 204 ppb Pt and 365 ppb Pd.

ONION
Rexford Minerals Ltd
Kluane Joint Venture

Nickel, Copper, Gold
Ultramafic-Associated
115 F 15, 115 K 2 (69)
62°00'N, 150°37'W
1987

References: INAC (1987, p. 318)

Claims: ONION 1-25

Source: Summary by T. Bremner of assessment report 091995 by R.J. Cathro (Archer, Cathro and Associates (1981) Ltd.)

History:

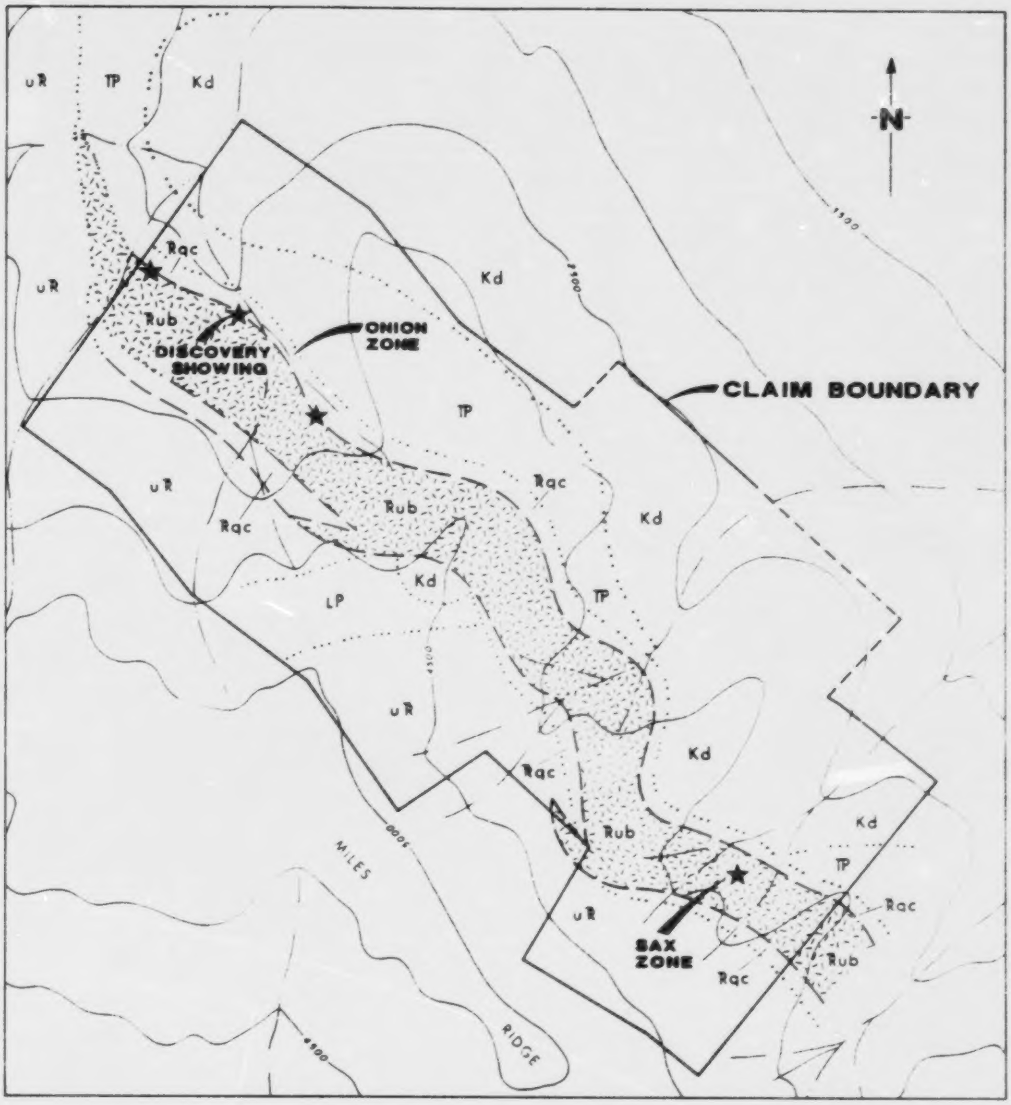
Originally staked as the BETH claims by Prospectors Airways in 1952, the property changed hands seven times between 1956 and 1969 when it was incorporated into the adjacent CANALASK property by P. Versluce and C. Gibbons. Early work consisted of prospecting, mapping, hand trenching and sampling. The ONION claims were staked by Archer, Cathro and Associates (1981) Ltd in 1986 on behalf of Kluane Joint Venture and were optioned to Rexford Minerals Ltd in 1987.

Description:

Nickel, copper and platinum group elements occur in a subvertical sill of largely serpentinized peridotite, dunite, pyroxenite and hornblende gabbro which intrudes volcanic breccia and tuff of the Pennsylvanian Station Creek Formation. The sill extends 5 km southeast as far as the CANALASK copper-nickel deposit and is about 100 to 150 m thick. Extensive zones of quartz-carbonate alteration occur along both the hangingwall and footwall contacts. Four showings are known, three in an area around the head of Onion Creek referred to as the ONION zone and one 1500 m southeast referred to as the SAX zone. The central occurrence in the ONION zone is the Discovery showing. Mineralization described in early hand trenches on the Discovery showing consisted of 10 cm slabs of massive sulphides including pyrrhotite, pyrite, pentlandite, heazlewoodite and niccolite. An unpublished 1956 assay of a hand sample from the Discovery showing by the 1956 owners P. Johnson and W. Abraham ran 16.9% Ni and 18.9% Cu over 60 cm. Tetrahedrite, molybdenite, scheelite, fluorite, barite and galena were also reported to occur on the property, presumably in association with skarn and a variety of quartz veins and Oligocene porphyry dykes.

Current Work and Results:

In 1987, reconnaissance soil and rock samples were taken on a series of lines across the strike of the ultramafic sill. Platinum was found to be concentrated in two areas, each about 600 m long, corresponding to the DISCOVERY and SAX zones. Soil values up to 150 ppb Pt, 190 ppb Pd and 2800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TRqc
uTR
TRub
DISCOVERY SHOWING
ONION ZONE
Kd
5500
5100
CLAIM BOUNDARY
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Kd
IP
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MILES
5000
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SAX ZONE
TRub
TRqc
RIDGE
4900

LEGEND

CRETACEOUS

Kd hornblende diorite

TRIASSIC

uTR Nikolai Group green and purple amygdaloidal basalt

TR White River Ultramafic Complex
ub peridotite gabbro dunite
qc quartz carbonate

PERMIAN

LP Hasen Creek Formation limestone argillite, siltstone

PENNSYLVANIAN

IP Station Creek Formation andesite, basalt tuff, breccia

— — — geological contact (mapped)

·· ··· ·· geological contact (inferred)

★ mineralization

0 250 500
metres

ONION PROPERTY

(ONION CLAIMS)

GENERAL GEOLOGY FROM
ASSESSMENT REPORT
091995 by
R J CATHRO 1987

ppm Ni were obtained over the sill. Copper response in soil was highest over the quartz-carbonate alteration at the northeast margin of the sill, with values in the range 1500 to 2000 ppm.

The highest rock assays came from samples taken in and near the old Discovery Zone trenches. Limonitic float veined with sulphides assayed 400 ppb Pt, 1050 ppb Pd, 3.2% Ni, 0.65% Cu and 35 ppb Au. Peridotite and gabbro float with disseminated pyrrhotite contained up to 150 ppb Pt, 280 ppb Pd, 0.25% Ni, 0.06% Cu and 55 ppb Au. A 2 m hand pit was dug through layers of fine peridotite and gabbro talus interlayered with limonitic quartz-carbonate fragments and soil. Samples at 0.5 m intervals down the wall of the pit returned values of 240 to 820 ppb Pt, 520 to 1200 ppb Pd, 0.28 to 0.68% Ni, 0.15 to 0.30% Cu and 25 to 160 ppb Au.

A new occurrence was found 300 m along strike to the southeast, where a specimen of strongly altered ultramafic rock with malachite and limonite stain but no visible sulphides assayed 4100 ppb Au, 19.2% Ni and 0.02% Cu. Farther southeast, 1500 m away, limonitic gabbro float found on the SAX zone contained disseminated pyrrhotite and chalcopyrite and returned values of 140 ppb Pt, 440 ppb Pd, 0.44% Ni, 0.22% Cu and 35 ppb Au.

I
Polestar Exploration Inc.

Work Target
115 G 2 (70)
61°07′N, 138°47′W
1987

References: INAC (1987, p. 318)

Claims: I 1-56

Source: Summary by T. Bremner of assessment report 092092 by G.H. Giroux and J.H. Montgomery (Montgomery Consultants Ltd).

Description:

The claims cover northwest-trending mafic and ultramafic rocks of Lower to Middle Triassic age which contain pyrite, pyrrhotite and minor chalcopyrite.

Current Work and Results:

In 1987, 463 rock samples were taken on a long narrow grid following the trend of the ultramafic body. Four gold and four platinum-palladium anomalies were outlined, with maximum values up to 920 ppb Au, 158 ppb Pt and 277 ppb Pb.

SWEDE
E.M. Flynn

Work Target
115 G 6 (74)
61°28'N, 139°32'W
1952

References: No previous reference

Claims: SNOLINE 1-24; TAURUS 1-8; MERCURY 1-8; VENUS 1-8; MARS 1-8; JUNO 1-8; SATURN 1-8; POLARIS 1-8; FIR 1-4; SPRUCE 1-8; URSUS 1-8

Source: Summary by T. Bremner of assessment report 091762 by E.M. Flynn.

Description:

Copper and nickel-bearing float is reported from gulches draining the northeast slope of the Kluane Range, 2.7 km north of the WELLGREEN nickel-copper-platinum prospect.

Current Work and Results:

Prospecting in 1952 turned up considerable copper-stained float in several gulches at the head of Swede Johnson Creek. The float consisted of chalcopyrite and barite with some pyrite and pyrrhotite disseminated in greenstone. The gulch at the head of the south branch of Swede Johnson Creek yielded a piece of rusty diorite which assayed 1.45% nickel. A few shallow pits were dug at this location.

SWEDE
Reed Creek Joint Venture

Work Target
115 G 6,11,12 (74)
61°30'N, 139°30'W
1987

Reference: No previous reference

Claims: VALLEY 1-57 including fractions; REED 1-42; PUMP 1-24; SWEDE 1-27

Source: Summary by T. Bremner of assessment report 092102 by R.C. Carne.

History:

The property was staked in 1987 to cover an aeromagnetic anomaly lying north of the Wellgreen deposit which was mined for copper, nickel and platinum group elements in 1973-1974. Coarse placer gold occurs in several creeks draining the area of the claims.

Description:

The property covers andesitic pyroclastic rocks of the Pennsylvanian Station Creek Formation and slate, sandstone and limestone of the Lower Permian Hasen Creek Formation. Dykes of quartz-latite porphyry of Oligocene age intrude the Paleozoic rocks.

Current Work and Results:

Ultramafic sills which host the Wellgreen Deposit are intruded near the contact of the Station Creek and Hasen Creek Formations. In 1987, nine sampling and prospecting traverses were run along spurs and creek cuts which cross the contact, and a contour traverse was made along the base of slope parallel to the contact. No bedrock exposures of ultramafic rocks were encountered.

Soil samples from several widely-spaced locations on the claims returned anomalous gold values up to 780 ppb. Elevated values of copper, nickel, platinum and palladium were restricted to a small area at the east end of the VALLEY claims.

DUKE SOUTH	**Copper, Nickel, PGE**
Rockridge Mining Corp.	**Ultramafic-Associated**
Kluane Joint Venture	**115 G 2 (80)**
	61°12′N, 138°56′W
	1987

References: No previous reference

Claims: DUKE 1-44

Source: Summary by T. Bremner of assessment report 092085 by W.D. Eaton (Archer, Cathro & Associates (1981) Ltd).

History:

Kluane Joint Venture staked the property in 1987 to cover a strong nickel, copper, cobalt anomaly in silt following a Geological Survey of Canada open-file geochemical release. The property was optioned to Rockridge Mining Corporation in the same year.

Description:

Copper, nickel and platinum group elements occur in a peridotite sill of Lower to Middle Triassic age containing minor dunite, pyroxenite and gabbro phases. The sill is about 770 m thick, strikes northwest and dips 60° NE. The lower 270 m is ultramafic while the upper part of the sill consists of gabbro. It intrudes argillite and limestone of the Lower Permian Hasen Creek Formation which show moderate to intense quartz-carbonate alteration along the intrusive contact. Pyrrhotite and chalcopyrite occur disseminated in peridotite and pyroxenite phases of the sill and in a 1 m wide massive sulphide lens within altered sedimentary rocks 50 m below the base of the sill. Quartz-carbonate altered rocks between the massive sulphide lens and the sill contain up to 5% arsenopyrite. Malachite and chalcopyrite occur in fractures.

Current Work and Results:

Reconnaissance prospecting and soil geochemistry were done in 1987. Soil samples taken over the ultramafic unit contained up to 1400 ppm Ni, 865 ppm Cu, 50 ppb Pt and 60 ppb Pd. Malachite and chalcopyrite-bearing rocks returned up to 2.6% Cu but only background values of the other metals. Chip samples across the massive pyrrhotite lens and the arsenopyrite-bearing quartz-carbonate returned near background values for all metals. A sample of gabbro float from the footwall contact containing malachite, chalcopyrite and pyrrhotite assayed 2.04% Cu, 0.74% Ni, 420 ppb Pt and 1380 ppb Pd.

WASH	**Copper, Nickel, PGE**
Silverquest Resources Ltd	**Ultramafic-Associated**
2001 Resource Industries Ltd	**115 G 6 (89)**
	61°27'N, 139°18'W

Reference: No previous reference

Claims: WASH 1-51

Source: Summary by T. Bremner of assessment report 092094 by W.D. Eaton (Archer, Cathro and Associates (1981) Ltd).

History:

The WASH claims were staked in 1987 to cover ultramafic sills similar to those which host copper, nickel and platinum group elements at the former Wellgreen Mine, 7 km to the west.

Description:

Peridotite sills of Lower to Middle Triassic age occur within pyroclastic rocks of the Pennsylvanian Station Creek Formation and deep marine clastic rocks belonging to the Permian Hasen Creek Formation. The sills range from 10 to 75 m in thickness and are up to 1600 m long. They consist predominantly of peridotite but contain minor harzburgite and gabbro phases. Quartz-carbonate alteration halos occur adjacent to the sills in places. Pyrrhotite, chalcopyrite and minor malachite are disseminated throughout the sills and are also found filling fractures. The mineralization locally extends into the tuff and quartzite wall rocks and the alteration halos. Up to 50% pyrrhotite occurs within the harzburgite phases of the sills, while chalcopyrite is more abundant in the gabbro.

Current Work and Results:

Reconnaissance prospecting in 1987 located two showings, one on the ridge crest forming the west property boundary and the other in a stream cut 700 m to the east. Eighty-seven rock samples were analysed for gold and 33 elements, and assayed for platinum, palladium, copper and nickel. Specimens from the ridge crest showing returned up to 1.02% Ni, 0.46% Cu, 685 ppb Pt and 2160 ppb Pd from rusty malachite-stained gabbro and 0.087% Ni, 1.20% Cu, 2200 ppb Pt and 920 ppb Pd from strongly-oxidized peridotite containing about 15% limonite. Samples from the creek showing returned 0.72% Ni, 0.29% Cu, 880 ppb Pt and 1900 ppb pd from harzburgite containing 30% pyrrhotite and 0.86% Ni, 0.46% Cu, 700 ppb Pt and 1000 ppb Pd from weakly mineralized gabbro.

Aeromagnetic maps and contour soil sampling proved to be useful in tracing the mineralized sills beneath areas of talus. Soil samples showed a strong and continuous geochemical response over the mineralized sills, returning values up to 1850 ppb Pt, 1400 ppb Pd, 9600 ppm Cu, 4300 ppm Ni and 540 ppb Au.

13. GLEN

L.B. Halferdahl
115 G 6
61°20'N, 139°16'W

Claims: EL 85-110, JAN 81-146,
NAN 9-16, SUE 12-16,
AND 13-17, JAQ 1-3,
DUK 1-8

16. QUILL

T. Mogenson, J. Mogenson
115 G 6
61°24.5'N, 139°26'W

Claims: TAD 1-26, 28-31; TRYN 1-2

17. LINDA

Archer, Cathro and Associates
(1981) Ltd
115 G 6
61°28'N, 139°26'W

Claims: KLU 41-56, 57-63FR., 64-71

18. WELLGREEN

Walhalla Exploration Ltd
115 G 5
61°26.5'N, 139°32'W

Claims: PS 1-22

18. WELLGREEN

A. McBride
115 G 6
61°27'N, 139°28'W

Claims: DIAL 1-15

19. AIRWAYS

Archer, Cathro and Associates
(1981) Ltd
115 G 5
61°29'N, 139°33'W

Claims: BARNY 15-49, 50FR

19. AIRWAYS

Archer, Cathro and Associates
(1981) Ltd; Harjay Exploration Ltd
115 G 5, 12
61°30'N, 139°34'W

Claims: EUGENE 1-44, SF 1-84,
PETE 1-16, KF 3-18

20. MUSKETEER

Archer, Cathro and Associates
(1981) Ltd.
115 G 5, 12
61°31'N, 139°42'W

Claims: JEK 1-48

20. MUSKETEER

D. Makkonen
115 G 12
61°31'N, 139°39'W

Claims: TOBY 1-14, VIENO 1-14

26. GARLIC

Archer, Cathro and Associates
(1981) Ltd
115 F 9
61°39'N, 140°1.5'W

Claims: SAM 1-16

27. LIBERTY

R. Stack, B. Harris
115 F 16
61°47'N, 140°12'W

Claims: PETE 1-16, C.W.L. 1-14,
PILLOW 1, 4, 5, 7, 13,
15, 17, 19, 21, 23

29. CATS AND DOGS

B. Harris
115 F 16
61°52'N, 140°18'W

Claims: VAN 1-10

32. SEVENSMA

Harjay Exploration Ltd
115 F 15
61°56′N, 140°31′W

Claims: WR 17-26

33. CANALASK

Archer, Cathro and Associates
(1981) Ltd
115 F 15, 16
61°57′N, 140°32′W

Claims: CANA 1-6, WENG 3-12

33. CANALASK

Harjay Exploration Ltd
115 F 15
61°58′N, 140°32′W

Claims: CT 1-17

33. CANALASK

G. Davidson
115 F 16
61°57′N, 140°27.5′W

Claims: KF 3-16

52. DWARF

United Keno Hill Mines Ltd
115 G 9
61°43′N, 138°19′W

Claims: DWA 1-12, TAL 1-4

68. KELLI

L. Tremblay
115 G 12
61°33′N,, 139°37′W

Claims: GRACE 1-7, RENO 1-2

69. ONION

Archer, Cathro and Associates
(1981) Ltd
115 F 15
62°00′N, 140°38′W

Claims: ONION 14-25, ARN 1-8

73. ARBY

G. Mogenson
115 G 6
61°29′N, 139°26′W

Claims: IKE 1-6

74. SWEDE

Archer, Cathro and Associates
(1981) Ltd
115 G 11, 12
61°31′N, 139°31′W

Claims: SWEDE 1-27, REED 1-42
VALLEY 1-57, PUMP 1-24

74. SWEDE

W. Zikos
115 G 6
61°29′N, 139°29′W

Claims: GREG 1-36

77. ODD

T. Mogenson
115 G 12
61°32′N, 139°40′W

Claims: GERTY 1-10

78. PLATA

G. Anders
115 G 5
61°26′N, 139°33′W

Claims: G 1-10

81. RIDGE

G. Harris
115 F 15
61°56′N, 140°35′W

Claims: LOBO 1-8, CT 1-18

81. RIDGE

B. Lueck
115 F 15
61°57.5′N, 140°34′W

Claims: RIDGE 1-6, KM 1-12, 27-44

82. MAC

R. Empey
115 G 5
61°25′N, 139°37′W

Claims: MAC 1-7

83. HAZEL

G. Harris
115 F 15
61°53′N, 140°26′W

Claims: HAZEL 3-8

84. DUKE SOUTH

Archer, Cathro and Associates
(1981) Ltd
115 G 2
61°12′N, 138°58′W

Claims: DUKE 1-44

85. DON

R. Quesnel, M. Glynn
115 G 5
61°26′N, 139°43′W

Claims: DON 1-10, 14-24, 27-40, 41-44

85. DON

R. Stack, G. Harris
115 G 5
60°27′N, 139°39′W

Claims: NEW 1-22

86. WON

Hudson Yukon Mining Co. Ltd
115 G 11
61°30′N, 139°18′W

Claims: WON 1-2

87. MISSY

Avanti Minerals Ltd
115 G 5
61°28′N, 139°40′W

Claims: PC 1-50

87. MISSY

Harjay Exploration Ltd
115 G 5, 12
61°28′N, 139°43′W

Claims: MISSY 1-28, CT 1-17, WR 1-16

88. SAL

Harjay Exploration Ltd;
Archer, Cathro and Associates
(1981) Ltd
115 G 12
61°41′N, 139°58′W

Claims: DRN 1-16, SAL 1-36

89. WASH

Silverquest Resources Ltd
115 G 6
61°27′N, 139°23′W

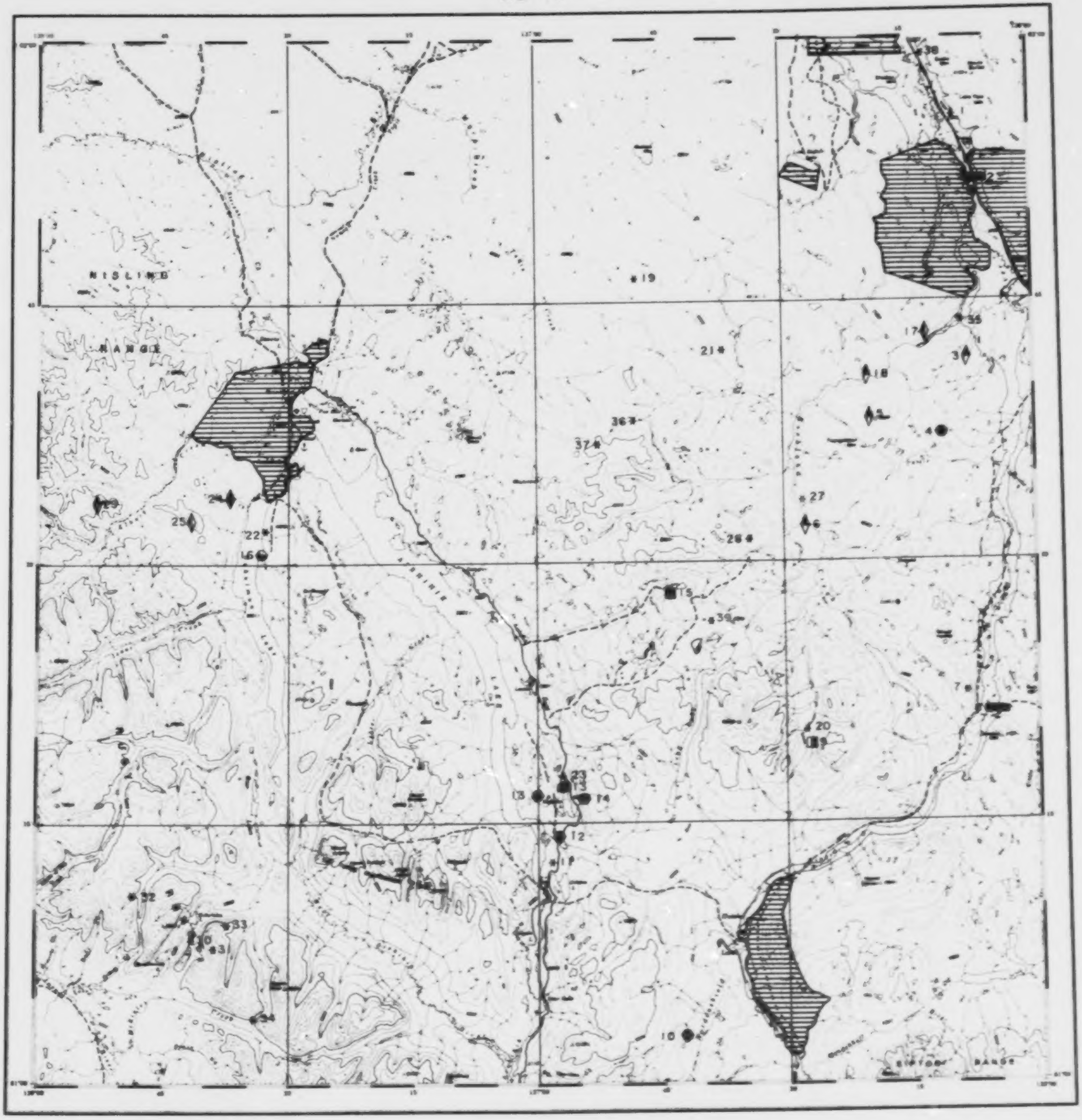
Claims: WASH 1-51

90. TONY

Walhala Exploration
115 G 2
61°10′N, 138°48′W

Claims: TONY 1-60

115 H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AISHIHIK LAKE
YUKON TERRITORY

▨ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal.

5 0 5 10 15 20 25 30
Kilometres

- - - - - - Tote Trail.
——— Driveable Road
▬ A Airstrip

AISHIHIK LAKE MAP-AREA (NTS 115 H)

General References: GSC Map 17-1973 and Paper 73-41 by D.J. Tempelman-Kluit, 1974a;
GSC Geochem Open File 1219.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	LOSCH	Work Target	115 H 16	7	INAC (1987, p. 322)
2	ANDESITE	Coal, Occurrence U	115 H 16	7	INAC (1983, p. 197-198)
3	AH	Vein Cu	115 H 9	7	
4	MACK'S	Skarn Cu	115 H 9	7	Craig and Milner (1975, p. 80-81)
5	SNIPE	Vein Cu	115 H 9	7	
6	KIRK	Vein Cu	115 H 9	7	
7	VOWEL	Work Target	115 H 8		Cairnes (1908, p. 10-15)
8	DIVISION	Coal	115 H 8	7	
9	LION	Porphyry Mo Pb	115 H 8	7	
10	MORAINE	Skarn Cu W	115 H 2	7	INAC (1981, p. 258); INAC (1983, p. 197); Morin (1981c, p. 98-104)
11	GILTANA	Work Target	115 H 2	9	INAC (1981, p. 258)
12	AISHIHIK	Skarn Cu Fe	115 H 2	7	Sinclair and Gilbert (1975, p. 69-70); INAC (1981, p. 258)
13	JANISIW	Skarn Cu	115 H 7	6	INAC (1982, p. 213)
14	HOPKINS	Skarn Cu Fe Au	115 H 7	6	Morin et al (1980, p. 46); INAC (1986, p. 14); Morin (1981)
15	SATO	Porphyry Cu Mo	115 H 7	7	Craig and Milner (1975, p. 88-89)
16	SEKULMUN	Skarn Zn Pb (Ag Sn)	115 H 12	7	Morin (1981)
17	ORLOFF	Vein Au	115 H 9	7	INAC (1982, p. 213)
18	SHAD	Vein Cu	115 H 9	7	
19	BUFFALO	Work Target	115 H 15	9	INAC (1981, p. 258)
20	BUN	Work Target	115 H 8	7	Morin et al (1977, p. 167)
21	TOSH	Work Target	115 H 10	9	Morin et al (1980, p. 46)
22	SEK	Work Target	115 H 12	9	Morin et al (1980, p. 47)
23	SIDE	Work Target	115 H 7	9	INAC (1982, p. 213)
24	HATCH	Vein Au Ag Pb Zn, Porphyry Mo	115 H 12	7	INAC (1986, p. 182)
25	HIK	Vein Au	115 H 12	7	INAC (1986, p. 183)
26	ITTLE	Work Target	115 H 3	9	INAC (1986, p. 185)
27	RAM TWO	Work Target	115 H 9	9	INAC (1986, p. 185)
28	SNAP	Work Target	115 H 9, 10	9	INAC (1987, p. 322)
29	AL	Vein Au	115 H 12	7	INAC (1986, p. 184)
30	SPRUCE	Work Target	115 H 4	9	This Report
31	RUBY	Work Target	115 H 4	9	This Report
32	SHUT	Work Target	115 H 4	9	This Report
33	KIL	Work Target	115 H 4	9	INAC (1987, p. 323)
34	KIN	Work Target	115 H 4	9	INAC (1987, p. 323)
35	SPOCK	Work Target	115 H 9	9	INAC (1987, p. 323)
36	MAG	Work Target	115 H 10	9	INAC (1987, p. 323)
37	JIMBO	Work Target	115 H 10	9	INAC (1987, p. 323)
38	PLUME	Work Target	115 H 16	9	This Report
39	LUSCAS	Work Target	115 H 7	9	This Report

SHUT
Silverquest Resources Ltd

Work Target
115 H 4 (32)
61°12'N, 137°45'W
1986-87

References: INAC (1987, p. 323)

Claims: SHUT 1-20

Source: Summary by T. Bremner of assessment report 091993 by W.D. Eaton (Archer, Cathro & Associates (1981) Ltd).

History:

The SHUT claims were staked in 1986 to cover a gold anomaly in silt following the release of a Geological Survey of Canada geochemical survey.

Description:

The main rock type on the property is biotite-quartz schist cut by discordant veins of quartz and andalusite. Granodiorite and diorite dykes veined with epidote are probably associated with a large stock of Triassic granodiorite which outcrops 1.5 km north of the claim block.

Current Work and Results:

In 1986 and 1987 reconnaissance soil, silt and rock sampling outlined several gold-arsenic anomalies. A sample of brecciated schist collected from the east side of the property assayed 775 ppb Au and greater than 10 000 ppm As.

28. SNAP

Dodgex Ltd
115 H 9
61°32′N, 136°29.5′W

Claims: BUNYIP 1-2

28. SNAP

Dodgex Ltd
115 H 10
61°32′N, 136°34′W

Claims: DINGO 1-2

30. SPRUCE

J. Ross
115 H 4
61°13′N, 137°40′W

Claims: ARC 1-20, CLIFF 8-14

32. SHUT

Archer, Cathro and Associates
(1981) Ltd
115 H 4
61°11′N, 137°48′W

Claims: SHUT 5-20

38. PLUME

F. Dorward
115 H 16
61°59′N, 136°13′W

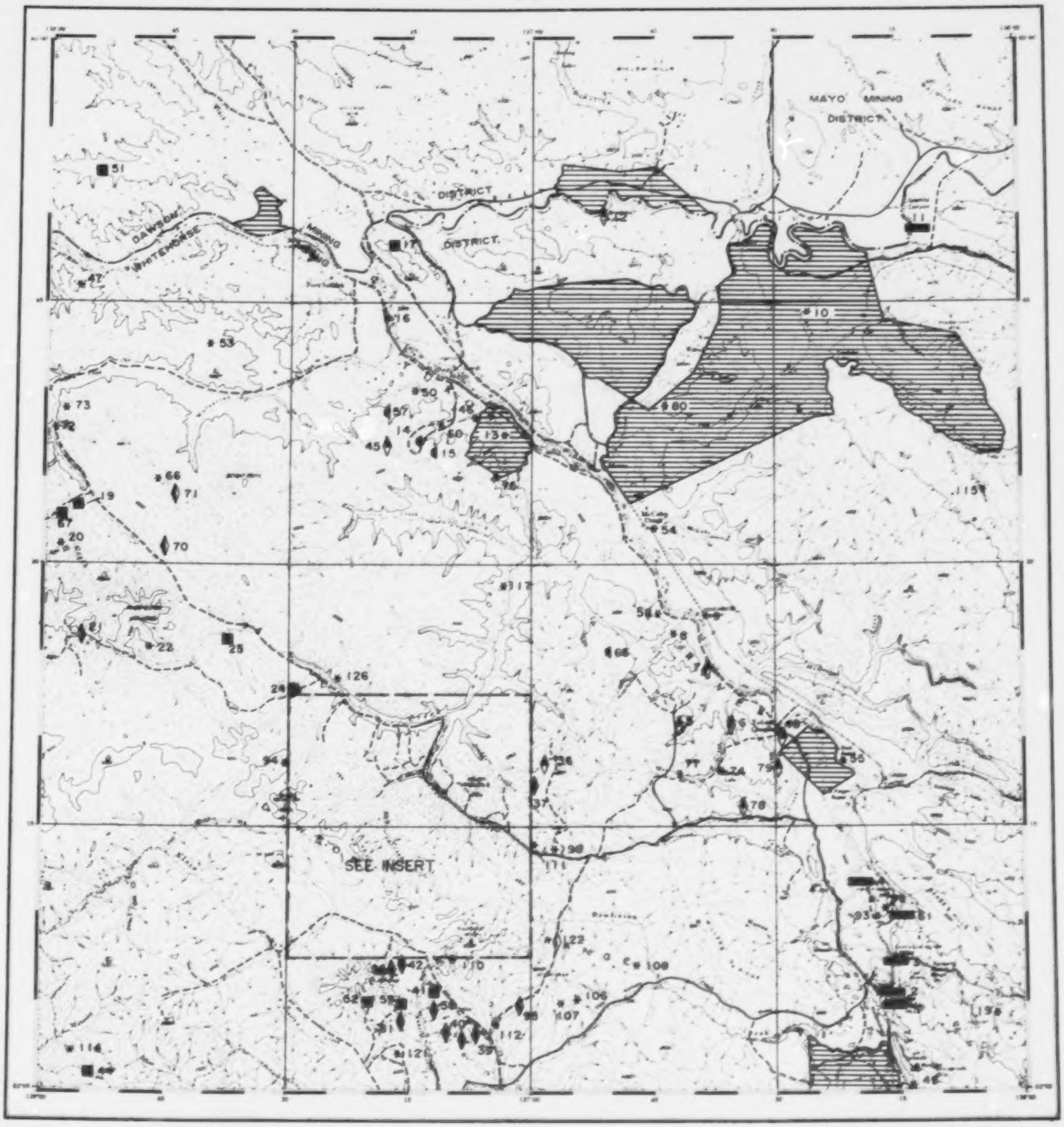
Claims: PLUME

39. LUSCAS

Dodgex Ltd
115 H 7
61°27′N, 136°39′W

Claims: LUSCAS 1-2

115 I



MAYO MINING DISTRICT
DAWSON
WHITEHORSE
MINING
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CARMACKS

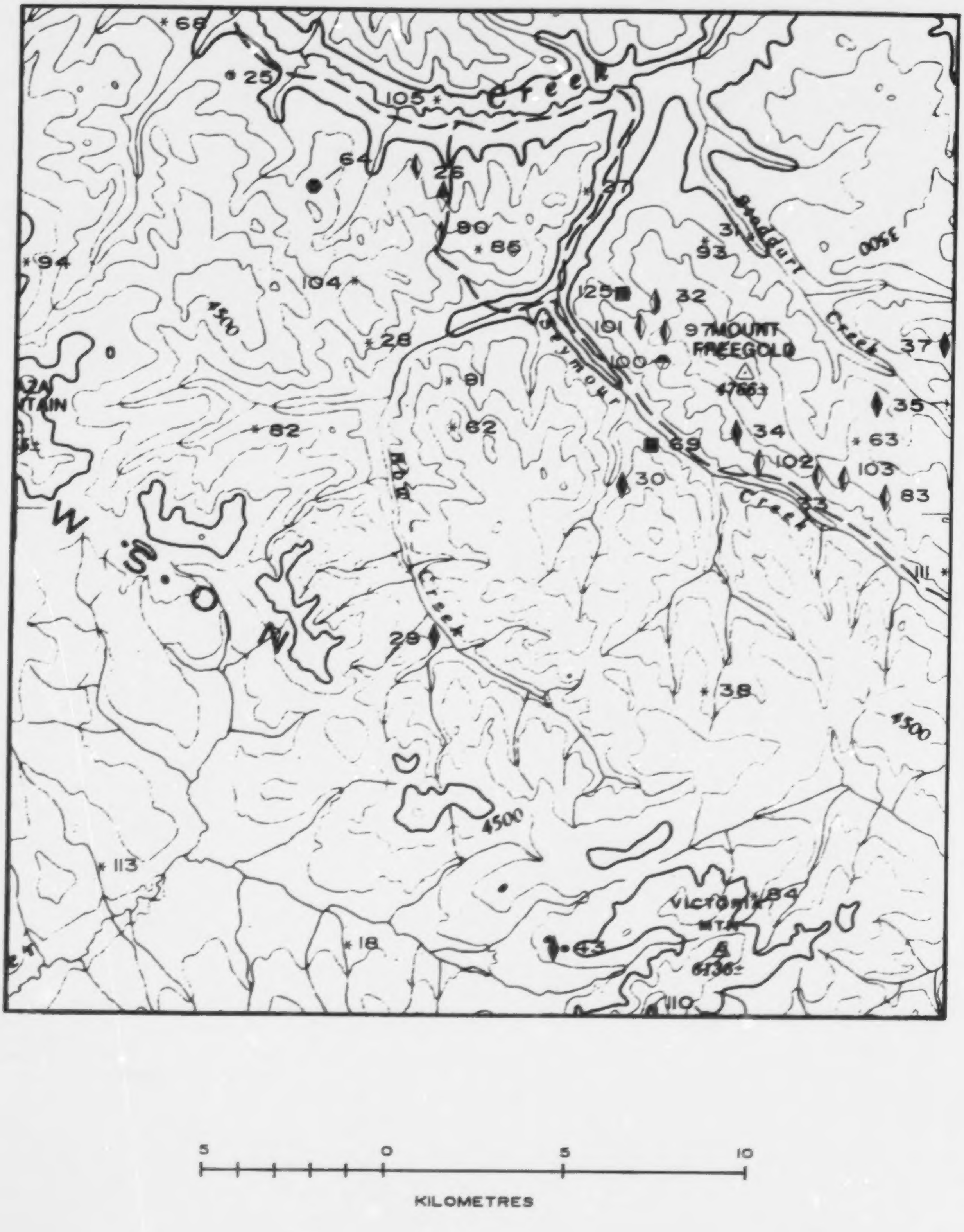
YUKON TERRITORY

▨ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

5 0 5 10 15 20 25 30
Kilometres

- - - - -	Tote Trail.
———	Driveable Road.
▬ A	Airstrip.

115I-3N & 115I-6S



Creek
Stoddart
Creek
Seymour
Creek
Big
Creek
MOUNT FREEGOLD
4766±
VICTORIA MTN
6136±
YUKON
NTAIN
3500
4500
4500
4500
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KILOMETRES

CARMACKS MAP-AREA (NTS 115 I)

General References: GSC Memoir 214 and Map 450A by J.R. Johnston, 1937
GSC Open File 1101 by D.J. Tempelman-Kluit, 1984;
DIAND Open File 1987-2 (115 I 3 and 6) by G.G. Carlson, 1987;
DIAND Open File 1987-3 (115 I 5, 115 J 9 and 10) by J.G. Payne et al., 1987;
GSC Geochem Open File 1220.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	SOUTH TANTALUS	Coal	115 I 1	7	Findlay (1967, p. 89)
2	TANTALUS MINE	Coal	115 I 1	4	Cairnes (1910, p. 59-63); Bostock (1936, p. 58-59)
3	TANTALUS BUTTE	Coal	115 I 1	3	Cairnes (1910, p. 52-53); Findlay (1969a, p. 114); Sinclair et al (1975, p. 168)
4	FIVE FINGERS	Coal	115 I 1	7	Bostock (1936, p. 62-63)
5	WILLIAMS CREEK	Vein Cu	115 I 7	3	Sinclair (1977, p. 80-81)
6	MERRICE	Vein Cu	115 I 7	7	Brock (1910, p. 14-26)
7	BONANZA KING	Vein Cu	115 I 7	7	Green (1966, p. 42-44)
8	MAUD	Work Target	115 I 7	9	
9	HOOCHEKOO	Work Target	115 I 7	9	Dawson (1889, p. 145 B)
10	TOWHATA	Work Target	115 I 9	9	Bostock (1936, p. 63)
11	NEEDLEROCK	Coal	115 I 16	7	McConnell (1903, p. 31, 38)
12	BRADENS CANYON	Vein Cu	115 I 15	7	Carriere et al (1981)
13	COIN	Work Target	115 I 11	9	Sinclair and Gilbert (1975, p. 43-49)
14	MINTO	Unclassified Cu Ag Au	115 I 11	2	Sinclair (1977, p. 68-82); INAC (1987, p. 328)
15	PAL	Unclassified Cu Ag Au Mo	115 I 11	7	Sinclair et al (1975, p. 100-101)
16	GRENIER	Work Target	115 I 11	9	Bostock (1936, p. 63)
17	PELLY	Porphyry Cu Mo	115 I 14	7	INAC (1982, p. 216)
18	RICO	Work Target	115 I 3	9	Sinclair et al (1975, p. 126-127)
19	TAD	Porphyry Cu Mo Au	115 I 12	6	INAC (1987, p. 329-330); This Report
20	PHELPS	Work Target	115 I 12	9	Craig and Laporte (1972, p. 71-72)
21	FROG	Vein Ag Pb	115 I 5	7	Payne et al (1987, p. 110-111)
22	STARBIRD	Work Target	115 I 5	9	Payne et al (1987, p. 114-115)
23	CASH	Porphyry Cu Mo Au	115 I 5	2	Payne et al (1987, p. 111-114); INAC (1987, p. 331-333); This Report
24	KLAZAN	Porphyry Cu Mo	115 I 6, 5	6	Carlson (1987, p. 70); INAC (1987, p. 332)
25	COM	Work Target	115 I 6	9	Carlson (1987, p. 70-71)
26	REVENUE	Breccia Cu Au	115 I 6	6	Carlson (1987, p. 71-72); This Report
27	COMBO	Work Target	115 I 6	9	Carlson (1987, p. 72)
28	BOW	Work Target	115 I 6	9	Carlson (1987, p. 72-73)
29	LIL	Vein Au Ag	115 I 3	7	Carlson (1987, p. 73)
30	CARIBOU CREEK	Vein Au Ag	115 I 6	4	Carlson (1987, p. 73-74)
31	KOOK (CAR)	Work Target	115 I 6	9	Carlson (1987, p. 74)
32	RED FOX	Vein Ag Pb	115 I 6	7	Carlson (1987, p. 74-75) INAC (1987, p. 334-336)
33	ANTONIUK	Breccia Au	115 I 6	7	INAC (1987, p. 336)
34	LAFORMA	Vein Au Ag	115 I 6	7	Carlson (1987, p. 76-77); This Report
35	EMMONS HILL	Vein Au Ag Sb Ba	115 I 6	3	Carlson (1987, p. 77); INAC (1987, p. 343)
36	GRANITE MOUNTAIN	Vein Cu Mo	115 I 7	6	Findlay (1969a, p. 34-35)
37	TINTA HILL	Vein Au Ag Pb Zn Cu	115 I 7, 6	2	Carlson (1987, p. 78)
38	FOSTER	Work Target	115 I 3	9	INAC (1986, p. 190); Carlson (1987, p. 79)
39	BROWN McDADE	Vein Au Ag	115 I 3	2	Carlson (1987, p. 79-80); This Report
40	MT. NANSEN (WEBBER, HUESTIS)	Vein Au Ag Pb Zn	115 I 3	3	Sawyer and Dickinson (1976); Carlson (1987, p. 80-81); INAC (1987, p. 337)
41	CYPRUS	Porphyry Cu Mo	115 I 3	7	Carlson (1987, p. 81); This Report
42	ESANSEE	Vein Ag Au Pb Zn	115 I 3	6	Carlson (1987, p. 82); INAC (1987, p. 338-339)
43	DIVIDE	Vein Au Ag	115 I 3	6	Carlson (1987, p. 83); This Report
44	MALONEY	Porphyry Au Cu Mo	115 I 4	7	INAC (1987, p. 340-341)
45	COMANCHE	Vein Cu	115 I 11	6	Sinclair et al (1975, p. 101-102)
46	NORTHAIR (AL)	Work Target	115 I 11	9	Sinclair et al (1975, p. 107)
47	TUF	Work Target	115 I 13	9	Sinclair et al (1975, p. 95)
48	CROSSING	Vein Cu	115 I 8	7	
49	EWING	Work Target	115 I 1	9	
50	ORI (MAC)	Work Target	115 I 11	9	Sinclair et al (1975, p. 108-109)
51	KERR	Porphyry Cu Mo	115 I 13	7	
52	LONELY	Porphyry Cu Au	115 I 3	7	Carlson (1987, p. 83-84); INAC (1987, p. 342-343)
53	SAM	Work Target	115 I 12	9	Sinclair et al (1976, p. 146);
54	McCABE	Work Target	115 I 10	9	INAC (1986, p. 191); This Report
55	RINK	Work Target	115 I 8	9	McConnell (1903, p. 37-52)
56	GOULTER	Vein Au Ag	115 I 3	7	Carlson (1987, p. 84)
57	GIANT (NAVAJO)	Unclassified Cu	115 I 11	6	Sinclair et al (1975, p. 102-103)
58	BLUFF	Work Target	115 I 7	9	Sinclair et al (1975, p. 122-123)
59	RUSK	Porphyry Cu Mo	115 I 3	7	Carlson (1987, p. 84-85);

60 BOYLEN (SUN)	Work Target	115 I 11	9	This Report Sinclair et al (1975, p. 103)
61 HLAVAY	Coal	115 I 1	9	Sinclair and Gilbert (1975, p. 120-121)
62 LETA	Work Target	115 I 6	9	INAC (1981, p. 262)
63 DART	Work Target	115 I 6	9	Carlson (1987, p. 85, 77); INAC (1987, p. 343)
64 NUCLEUS	Porphyry Au	115 I 6	5	Carlson (1987, p. 85); INAC (1987, p. 343-344)
65 STU	Unclassified Cu	115 I 7	6	INAC (1983, p. 204)
66 MUT	Work Target	115 I 12	9	INAC (1981, p. 263)
67 NIT	Porphyry Cu Au	115 I 12	7	INAC (1987, p. 344-345)
68 ROC	Work Target	115 I 6	9	Morin et al (1977, p. 172)
69 ZIT	Porphyry Cu Au	115 I 6	7	Carlson (1987, p. 86); INAC (1987, p. 346-347)
70 PANTHER	Vein Au	115 I 12	7	Sinclair et al (1976, p. 142)
71 RAINBOW	Vein Au	115 I 12	7	INAC (1985, p. 253)
72 NADA	Work Target	115 I 12	9	INAC (1985, p. 255)
73 SELKIRK	Work Target	115 I 12	9	Sinclair et al (1976, p. 145); This Report
74 ACE	Work Target	115 I 7	9	INAC (1982, p. 219)
75 FED	Work Target	115 I 11	9	Morin et al (1977, p. 177)
77 AL	Work Target	115 I 7	9	INAC (1983, p. 204)
78 POON	Vein Cu	115 I 7	7	INAC (1983, p. 203-204)
79 TOOT	Vein Cu	115 I 8	7	INAC (1983, p. 203-204)
80 DOME	Work Target	115 I 10	9	INAC (1983, p. 204)
81 J. BILL	Vein Ag Au	115 I 3	7	Carlson (1987, p. 84-86); This Report
82 KING	Work Target	115 I 6	9	INAC (1985, p. 255)
83 GOLDY	Vein/Breccia Au	115 I 3, 6	6	Carlson (1987, p. 86-87); INAC (1987, p. 348)
84 ROW	Work Target	115 I 3	9	Carlson (1987, p. 37); INAC (1987, p. 349)
85 SHACK	Work Target	115 I 6	9	INAC (1986, p. 190)
86 KEN	Deleted: same as #27 COMBO			
87 ELEPHANT	Deleted: same as #125 STODDART			
89 MAY	Deleted: same as #90 HILLTOP			
90 HILLTOP	Work Target	115 I 6	9	INAC (1986, p. 191)
91 DY	Work Target	115 I 6	9	INAC (1986, p. 191)
93 CASTLE (EYM)	Work Target	115 I 6	9	Sinclair et al (1975)
94 ERL	Work Target	115 I 5, 6	9	INAC (1987, p. 355)
95 ROBERT	Vein Au	115 I 3	9	INAC (1987, p. 350)
96 CLIFFSIDE	Work Target	115 I 1	9	INAC (1987, p. 356)
97 GOLD STAR	Breccia Pipe Au	115 I 6	7	INAC (1987, p. 334-335)
98 WOLF	Work Target	115 I 2	9	INAC (1987, p. 351)
99 DIC	Vein Zn Pb Ag Au	115 I 3	7	INAC (1987, p. 351-352)
100 MARGARETE & AUGUSTA (GUDER)	Skarn Au	115 I 6	2	Carlson (1987, p. 75-76); INAC (1987, p. 334-336)
101 PEERLESS	Vein Au	115 I 6	7	INAC (1987, p. 334-336)
102 RAMBLER	Vein Au	115 I 6	6	Morin (1980, p. 69-71)
103 WHALE	Vein Au	115 I 6	6	
104 MEC	Work Target	115 I 6	9	INAC (1987, p. 355)
105 FOR	Work Target	115 I 6	9	INAC (1987, p. 356)
106 FOX	Work Target	115 I 2	9	INAC (1987, p. 356)
107 TEA	Work Target	115 I 2	9	INAC (1987, p. 356
108 MINE	Work Target	115 I 2	9	INAC (1987, p. 356)
109 FIELD	Deleted: same as #98 WOLF			
110 PAM	Work Target	115 I 3	9	INAC (1987, p. 356)
111 DUR	Work Target	115 I 2, 3	9	INAC (1987, p. 356)
112 MOON	Work Target	115 I 3	9	INAC (1987, p. 356)
113 TOAST	Work Target	115 I 3	9	INAC (1987, p. 356); This Report
114 BAG	Work Target	115 I 4	9	INAC (1987, p. 356)
115 MAIN	Work Target	115 I 9	9	INAC (1987, p. 356); This Report
116 LARPO	Deleted: same as #14 PER			
117 VERLEME	Work Target	115 I 6	9	Carlson (1987, p. 87-88)
119 PEL	Work Target	115 I 1	9	This Report
121 DOWS	Work Target	115 I 3	9	This Report
122 ROWLINSON	Vein Sb	115 I 2	7	This Report
123 OUT	Work Target	115 I 6	9	This Report
124 KITZA	Work Target	115 I 6	9	This Report
125 STODDART	Porphyry Cu Mo	115 I 6	7	INAC (1980, p. 218-219)

TAD
D. Waugh

Copper, Molybdenum, Gold
Porphyry
115 I 12 (19)
62°38'N, 138°35'W
1987

References: INAC (1987, p. 329)

Claims: TORO 1-46

Source: Summary by W.P. LeBarge of assessment report 091967 by A. Starr.

Current Work and Results:

Noranda Exploration Co. Ltd carried out exploration on this property in 1987. A grid was constructed using a D-8 bulldozer. Geochemical and geophysical surveys were conducted and four diamond drill holes were completed.

A total of 213 soil and 64 trench samples were collected and analyzed for gold, silver and arsenic. Two thirds of the soil samples returned anomalous values of over 20 ppb Au, 1 ppm Ag and 40 ppm As. Of the ten trenches which were analyzed for gold, silver and arsenic, six had highly anomalous values.

Four diamond drill holes totalling 372 m were drilled into a clay-altered quartz monzonite porphyry, which was often highly sheared, faulted and brecciated. Argillic, potassic, silica and carbonate alteration were encountered. All holes were split and analyzed for gold, silver and arsenic, each returning anomalous values. Five samples of 1970 core were analyzed for gold, silver and in some cases base metals. One sample returned values of 3100 ppm Au, 20 ppm Ag and 2.68% Zn over 0.5 metres.

COMBO (ELEPHANT)
Noranda Exploration Co. Ltd

Work Target
115 I 6 (27)
62°18'N, 137°11'W
1986, 1987

References: INAC (1987, p. 355)

Claims: ELEPHANT 1-20

Source: Summary by W.P. Lebarge and T. Bremner of assessment reports 091742 by C.J.R. Hart and 092113 by R. Singh and H. Copland.

History:

P.F. Guder is reported to have discovered gold-bearing quartz float on or near this property in the 1930's. L. Lebedoff staked the ELEPHANT 1-14 claims for G. Lee in 1985 to cover the ground surrounding a placer operation. Noranda optioned the property and added the ELEPHANT 15-20 claims in 1986.

Description:

The Guder Creek fault parallels the south boundary of the claim block, separating Late Triassic granodiorite of the Mt. Freegold complex (southwest) from Paleozoic? schist and gneiss. Northwest-trending felsite porphyry dykes crosscut the granodiorite along Guder Creek. Gold occurs in clay-altered rhyolite and in magnetite-bearing boulders found in the creek.

Current Work and Results:

After an initial examination of placer concentrate and exposed bedrock, a reconnaissance soil survey was done in 1986 on the slope above the placer operation. Grid soil sampling, VLF-EM and magnetometer surveys were subsequently conducted. Three hundred and firty-three soil and 15 rock samples were analysed for gold, silver, arsenic, copper, lead and zonc. Five anomalous gold zones were delineated, often coincident with high silver and arsenic values. Rock samples of various types all contained gold, with a massive magnetite boulder returning the highest value. Rhyolite contained from 70 to 540 ppb Au while pyritic altered granodiorite gave values of 25 to 35 ppb Au. No specific trends were outlined by the geophysical surveys, probably due to the wide spacing between grid lines. Five anomalous areas identified by the previous year's work were resampled in 1987. Additional reconnaissance sampling was also done. A total of 45 soil and 36 rock samples were analysed for gold, silver, arsenic and tungsten. Six bulldozer trenches totalling 242 m were cut and sampled.

Several new gold, silver and arsenic anomalies were found by reconnaissance sampling. A soil sample taken near the claim line 100 m west of Seymour Creek contained 2200 ppb Au, 5.8 ppm Ag, 2560 ppm As and 15 ppm W. A rock sample from the same location assayed 100 ppb Au, 7.4 ppm Ag, 336 ppm As and 1 ppm W. A rock sample taken on the road near the northeast claim boundary was weakly anomalous in gold and returned 2180 ppm As.

Almost all the samples taken from 1987 trenches were strongly anomalous in arsenic, with one rock exceeding 10 000 ppm As and soils ranging from 102 to 670 ppm As. Four rocks and one soil sample contained anomalous levels of gold.

ANTONIUK (PEGGY)
(Adjoins ANTONIUK property)
Big Creek Joint Venture

Work Target
115 I 6 (33)
62°16'N, 137°06'W
1987

References: Carlson (1987, p. 88); INAC (1987, p. 336)

Claims: PEGGY 1, 2F-5F

Source: Summary by T. Bremner of assessment report 092086 by C.A. Main (Archer, Cathro and Associates (1981) Ltd).

Description:

The PEGGY claims lie southwest of the Antoniuk deposit on the opposite side of a northwest-trending fault. They are underlain by Jurassic syenite and Cretaceous granodiorite.

Current Work and Results:

A geochemical survey on the PEGGY claims in 1987 returned low gold values up to 35 ppb. No evidence of porphyritic dykes, breccia or sulphide mineralization was seen.

MT. NANSEN (WEBBER, HUESTIS)
B.Y.G. Natural Resources Inc.
Chevron Canada Resources Ltd

Gold, Silver, Lead, Zinc Vein
115 I 3 (40)
62°05'N, 137°08'W
1985

References: Morin et al. (1977, p. 167-168); INAC (1988, p. 337).

Claims: DOME 1-86; HIW 1-17 (including fractions); JEFF 1-7; JOANNE 1-6; LAURA 9; DD 1-48; ECK 1-18; ICT 1-36; ONE IF; ONT 1-51; TBR 1-8; J. BILL 1-32; BULL 1-28; RAT 9-24.

Source: Summary by T. Bremner of assessment report 091825 by W.D. Eaton (Archer, Cathro and Associates (1981) Ltd).

Current Work and Results:

In 1985 the BROWN-MCDADE and WEBBER zones were explored in detail by trenching, rotary and diamond drilling. This work includes 47 trenches (7.6 km) excavated to bedrock, 17 percussion drillholes totalling 1283.5 m, and 13 diamond drillholes totalling 949.4 m. Selected chip samples from trenches, drill cuttings, core, underground workings, dumps and tailings ponds were submitted for metallurgical testing. In addition, 6300 soil samples were taken for multi-element analysis and a 48 km EM-16 survey was carried out over most of the property to indicate possible strike extensions of the BROWN-MCDADE and WEBBER zones and to outline new exploration targets.

Trenching showed that the BROWN-MCDADE Main Zone consists of strongly brecciated, silicified and clay-altered granodiorite and feldspar porphyry on the hangingwall side of a major fault zone which strikes 160° and dips 65° W. The zone varies from 7 to 30 m wide and is exposed over a strike length of 450 m. It separates unaltered granodiorite on the east side from massive manganese-stained feldspar porphyry on the west. Weakly-mineralized offshoots of the main zone follow subsidiary north-trending faults and dykes.

Chip sampling of the main BROWN-MCDADE zone on surface yielded up to 5.8 g/t Au and 63.1 g/t Ag across a true width of 22.0 m. The best drill intersection returned 8.5 g/t Au and 80.6 g/t Ag over a true width of 32.0 m. Underground sampling of the Brown-McDade zone in two crosscuts showed the gold is concentrated in two subparallel bands: clay-mica gouge within the fault zone containing 2.6 to 24.7 g/t Au, and highly siliceous breccia in the hanging-wall which contains 4.1 to 11.0 g/t Au. The mineralized rock is oxidized to a depth of 15 m at the north end of the main zone, increasing to 75 m at the south end.

The WEBBER vein system consists of subparallel veins up to 5 m wide occupying steeply-dipping northwest-trending faults in Paleozoic schist and gneiss. The veins have quartz and sulphide-rich cores which are surrounded by symmetrical envelopes of intense sericite and kaolinite alteration. The main WEBBER vein was traced 700 m southeast from the portal in a series of bulldozer trenches and diamond drillholes. It contains highly variable metal values up to 19.4 g/t Au and 733.6 g/t Ag across 2 m. Two of the seven holes drilled in the WEBBER Zone intersected significant volumes of ore, the best intersection assaying 10.0 g/t Au and 841.2 g/t Ag across 1.1 m. Other veins show good grades but poor tonnage potential. Wallrocks within 5 m of the veins are bleached and weakly altered but contain low gold and silver values.

Metallurgical tests indicate that cyanide treatment of the milled oxidized ore will recover over 98% of the gold, compared to 60% recovery of gold from the sulphide ore. This confirms that the BROWN-MCDADE zone, with its large volume of shallow oxide ore, is an attractive open pit heap-leach target.

ESANSEE
Archer, Cathro and Associates
(1981) Ltd

Silver, Gold, Lead, Zinc Vein
115 I 3 (42)
62°07'N, 137°15'W
1987

References: INAC (1987, p. 338-339)

Claims: TAWA 1-90

Source: Summary by T. Bremner of assessment report 092083 by M.J. Wall and W.D. Eaton (Archer, Cathro and Associates (1981) Ltd.

Current Work and Results:

In 1987, stripping was done for 28 trenches. Twelve of these were wholly or partially excavated, a total of 1939 m, and 1 to 5 m chip samples were collected across all mineralized or strongly altered exposures.

Work on the previously-known BRX zone traced the veins 750 m along strike and showed that within the zone the mineralization and alteration is highly variable. The best assays from this zone came from two veins 7.5 m apart which returned 6.9 g/t Au and 160.1 g/t Ag over 2.5 m and 8.7 g/t Au and 28.5 g/t Ag over 1.5 m respectively. Mineralization in the BRX zone is still open in both directions but appears to weaken toward the southeast.

Trenching in 1987 also uncovered a new vein system parallel to the BRX zone, 1000 m to the northeast. The new showing is designated the KLAZA zone. The trench exposed three veins underlying a strong soil anomaly. The best assay averaged 4.2 g/t Au and 47.3 g/t Ag across 8.0 m including 11.1 g/t Au and 216.0 g/t Ag over 1 m.

SELKIRK
Noranda Exploration Co. Ltd

Work Target
115 I 12 (73)
62°39'N, 137°52'W
1986

References: Sinclair et al (1976, p. 145); INAC (1987, p. 354)

Claims: HAY 1-20

Source: Summary by T. Bremner of assessment report 091957 by H. Copland.

History:

The property was originally a copper-molybdenum prospect staked in 1969 as the HAYES claims. Delta International Minerals Ltd mapped and soil sampled the property. In 1975, D.C. Syndicate restaked the ground as the AS claims and performed geochemical and geological work as well as trenching. J. Lerner staked the area as the H claims in 1979 and carried out further trenching. Noranda staked the HAY claims in 1986 to cover a gold anomaly in silt reported by the Geological Survey of Canada.

Description:

Quartz-mica and chlorite schist and minor limestone underlie the property. A stock of porphyritic monzonite of probable Cretaceous age intrudes the metamorphic rocks. Clay-altered quartz-feldspar porphyry of Tertiary age outcrops west of the property toward Hayes Creek.

Current Work and Results:

Two silt samples taken in 1986 failed to duplicate the Geological Survey of Canada anomaly. Reconnaissance soil samples were taken over strong lead-silver-arsenic anomalies discovered by Delta International Minerals. Three old trenches were soil sampled at 10 metre intervals. Soil samples overlying the intrusion returned up to 2100 ppm As, 14.0 ppm Ag, and were also anomalous in Pb and Zn. Low copper and gold values were obtained except for a sample at the north end of trench #1 which returned 120 ppb Au and 330 ppm Cu. A sample of silicified pyritic quartz monzonite from trench #2 returned values of 1000 ppm As and 40 ppb Au.

J. BILL
Aurchem Exploration Ltd

Silver, Gold Vein
115 I 3 (81)
62°05'N, 137°11'W
1987

References: INAC (1986, p. 190; 1987, p. 346-347)

Claims: WEDGE 5-10, 15; RASI 1-4; LGCS 1-3; MSL

Source: Summary by W.P. LeBarge and M. Langdon of assessment report 091958 by M. Langdon.

Current Work and Results:

A diamond drill program in 1987 aimed to determine the structural setting, true width and major controls of gold-silver mineralization in granodiorite-hosted quartz-sulphide veins.

Two epithermal vein systems were found with sub-parallel strikes. Primary hydro-brecciated veins with broad argillic alteration halos follow a north-trending fault system. Secondary veins of quartz-sulphide-sulphosalt have advanced argillic alteration halos and high silver-gold and lead-zinc ratios. The secondary veins appear related to dacitic dykes and sills located near a diorite-granodiorite contact.

WOLF
R.A. Granger

Work Target
115 I 2 (98)
62°14'N, 136°53'W
1987

References: INAC (1987, p. 351)

Claims: WOLF 1-8, 10, 12-48, 1Fr., 2Fr

Source: Summary by W.P. LeBarge of assessment report 091980 by R.A. Granger.

Current Work and Results:

In 1987 a program of prospecting, grid construction and geochemical surveying was conducted. One hundred and forty-four soil samples were collected and analysed for copper, lead, zinc, silver, arsenic, gold, antimony and barium. Three anomalous areas were identified within the claim group, with soil values as high as 65 ppb Au, 44 ppm Cu, 46 ppm Pb, 108 ppm Zn, 0.6 ppm Ag, 290 ppm As, 37 ppm Sb and 1400 ppm Ba.

WOLF (FIELD)	**Work Target**
(Adjoins WOLF property)	**115 I 2 (98)**
Big Creek Resources Ltd	**62°14'N, 136°57'W**
	1987

References: INAC (1987, p. 356)

Claims: FIELD 1-30

Source: Summary by W.P. LeBarge of assessment report 091972 by C.A. Main (Archer, Cathro and Associates (1981) Ltd).

History:

The FIELD claims were staked in 1986 by Freegold Venture on the basis of a gold-arsenic anomaly discovered by the Geological Survey of Canada. In April 1987 the property was optioned to Big Creek Resources Ltd on behalf of Big Creek Joint Venture.

Description:

The claim group is underlain by foliated hornblende-biotite granodiorite of the Triassic Granite Mountain batholith. Paleozoic biotite-quartz-feldspar schist and feldspar augen gneiss outcrop to the south.

Current Work and Results:

In 1987 limited geochemical sampling was carried out on the property and one trench was excavated. Twelve silt samples and sixty-three soil samples were analysed for gold only. All samples returned values of less than 5 ppb Au.

TOAST	**Work Target**
Big Creek Resources Ltd	**115 I 3 (113)**
	62°10'N, 137°27'W
	1987

References: INAC (1987, p. 356)

Claims: TOAST 1-36

Source: Summary by W.P. LeBarge of assessment report 091973 by C.A. Main (Archer, Cathro and Associates (1981) Ltd).

History:

The TOAST claims were staked in 1986 by Freegold Venture on the basis of a gold geochemical silt anomaly discovered by the Geological Survey of Canada. The property was optioned to Big Creek Resources Ltd on behalf of Big Creek Joint Venture in 1987.

Description:

Hornblende-quartz monzonite of the mid-Cretaceous Dawson Range Batholith outcrops on the property. To the southwest, Paleozoic? metamorphic rocks are in contact with Late Cretaceous Mount Nansen Group andesitic flows, flow breccias and related dykes.

Current Work and Results:

Twenty-five silt samples and 37 soil samples were collected and analysed for gold in 1987. One silt sample was anomalous with a value of 55 ppb Au. Two soil samples returned anomalous values of 25 and 20 ppb Au, respectively. Resampling at the original GSC location failed to duplicate the original values of 767 and 122 ppb Au.

MAIN	**Work Target**
Noranda Exploration Co. Ltd	**115 I 9 (115)**
	62°34'N, 136°05'W
	1987

References: INAC (1987, p. 356)

Claims: MAIN 1-20

Source: Summary by T. Bremner of assessment report 091954 by H. Copland.

History:

The MAIN claims were staked in 1986 to cover a silt anomaly of 3.8 ppm Sb and 141 ppb Au following the release of a government geochemical survey.

Description:

Porphyritic monzonite of the Jurassic Tatchun Batholith underlies the property. The intrusion is sheared and foliated and cut by several aplite dykes.

Current Work and Results:

Reconnaissance geochemical samples were taken in 1987 including soil, silt and heavy mineral concentrates. Sampling was impeded by an extensive blanket of till and volcanic ash. Only three soil samples were anomalous, with 770 ppb Au as the highest value. Silt sampling produced no anomalies and the original value of 141 ppb Au could not be duplicated.

19. TAD

Noranda Exploration Co. Ltd
115 I 12
62°38′N, 137°56′W

Claims: TORO 47-56

26. REVENUE

Archer, Cathro and Associates
(1981) Ltd
115 I 6
60°20.5′N, 137°16′W

Claims: SUBTRACT IF, 2, 3

26. REVENUE

Archer, Cathro and Associates
(1981) Ltd
115 I 6
62°21′N, 137°14′W

Claims: ANGUS 1-24

32. RED FOX

R. Granger
115 I 6
62°17′N, 137°11′W

Claims: RAG 29 FR

33. ANTONIUK

G. McIntyre
115 I 6
62°23′N, 137°24′W

Claims: TIPI 1-2

42. ESANSEE

Archer, Cathro and Associates
(1981) Ltd.
115 I 3
62°08′N, 137°15′W

Claims: TAWA 72-90

69. ZIT

Aurchem Exploration Ltd
115 I 3
62°20′N, 137°17′W

Claims: BIT 1-5

73. SELKIRK

Noranda Exploration Co. Ltd
115 I 12
62°48′N, 137°58′W

Claims: HAY 1-22

83. GOLDY

R. Granger
115 I 6
62°15′N, 137°12′W

Claims: BRAD FR, F FR, DARB 5-10

98. WOLF

L. Lebedoff, R. Granger
115 I 2
63°43′N, 136°53′W

Claims: WOLF 33-48; WOLF 1-2 FR

110. PAM

G. Dickson
115 I 3
62°07.5′N, 137°10′W

Claims: PAM 1-12

110. PAM

B. Harris, R. Stack
115 I 3, 6
62°15′N, 137°11′W

Claims: BOO 1-104

113. TOAST

E. Curley
115 I 3
62°09′N, 137°27′W

Claims: BUTTER 1-12; JAM 1-16

119. PEL

Dominion Explorers Inc
115 I 1
62°04′N, 136°04′W

Claims: PEL 1-8

121. DOWS

E. Curley
115 I 3
62°02′N, 137°16′W

Claims: DOWS 1-16

123. OUT

R. Stack
115 I 6
62°18′N, 137°15′W

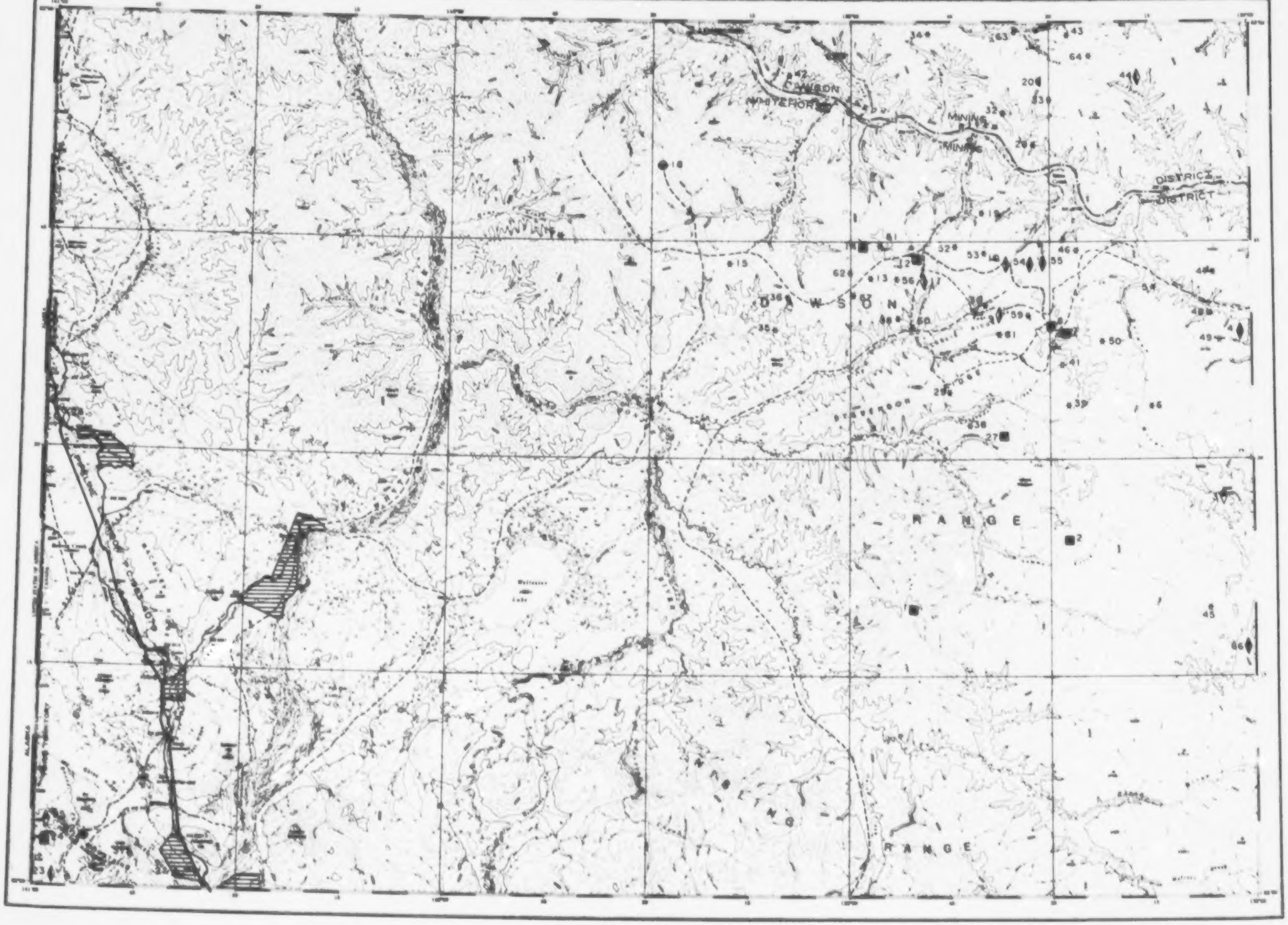
Claims: OUT 1-16

124. KITZA

C. Hart
115 I 6
62°17′N, 137°14′W

Claims: KITZA 1-6

115 J & K


DAWSON
WHITEHORSE
MINING
MINING
DISTRICT
DISTRICT
DAWSON
RANGE
NISLING
RANGE
STEVENSON
Wellesley Lake
ALASKA
YUKON TERRITORY
Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
5 0 5 10 15 20 25 30
Kilometres
Tote Trail
Driveable Road
A Airstrip

SNAG
YUKON TERRITORY

SNAG MAP-AREA (NTS 115 J-K)

General References: GSC Map 10-1973 and Paper 73-41 by D.J. Tempelman-Kluit, 1974a;
INAC Open File 1987-3 (115 J 9 and 10, 115 I 5) by J.G. Payne et al., 1987;
GSC Geochem Open File 1363.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	KLOT	Porphyry Cu Mo	115 J 7	7	Morin et al (1978, p. 72)
2	SOMME	Porphyry Cu Mo	115 J 8	7	Craig and Laporte (1972, p. 72)
3	PRIDE	Vein Cu	115 J 8	7	
4	HAYES	Vein Au Ag	115 J 9	6	Payne et al (1987, p. 107-110); INAC (1987, p. 360)
5	SELWYN	Work Target	115 J 9	9	Bostock (1944)
6	CROCK	Work Target	115 J 9	9	Payne et al (1987, p. 127); INAC (1987, p. 364); This Report
7	COCKFIELD	Porphyry Cu Mo	115 J 9	7	Payne et al (1987, p. 105-107)
8	CO	Porphyry Cu Mo	115 J 9, 10	7	INAC (1981, p. 266);
9	RUDE CREEK	Vein Ag Pb Zn	115 J 10	7	Payne et al (1987, p. 104-105)
10	NORDEX	Vein Ag Pb	115 J 10	7	Payne et al (1987, p. 119)
11	BOMBER	Vein Ag Pb Zn	115 J 10	7	Payne et al (1987, p. 102-104)
12	CASINO	Porphyry Cu Mo	115 J 10	2	Payne et al (1987, p. 99-102); This Report
13	AZTEC	Work Target	115 J 10	9	Payne et al (1987, p. 119-120)
14	ZAPPA	Porphyry Cu Mo, Vein Au Ag	115 J 10	7	Payne et al (1987, p. 115);
15	BOREAL	Work Target	115 J 11	9	Craig and Laporte (1972, p. 42-44)
16	BID	Work Target	115 J 13	9	Craig and Laporte (1972, p. 38-39)
17	VINA	Work Target	115 J 13	9	Craig and Laporte (1972, p. 35-37)
18	TONI TIGER	Skarn Cu Fe	115 J 14	7	Craig and Laporte (1972, p. 40-41)
19	MARGUERITE	Work Target	115 J 15	9	Craig and Laporte (1972, p. 51-52)
20	SCROGGIE	Disseminated Cu Mo	115 J 15	7	INAC (1981, p. 266)
21	ONION	Mafic/ultramafic associated Ni Cu Mo	115 K 2	7	
22	NUTZOTIN	Skarn Cu Fe	115 K 2	7	INAC (1983, p. 207)
23	CALIFORNIA	Vein Au	115 K 2	7	Cairnes (1915, p. 123)
24	TRUDI	Porphyry Cu Mo	115 K 2	7	
25	RIP	Vein Cu	115 K 2	7	Cairnes (1915, p. 121-122)
26	BATRICK	Vein Mn	115 K 10	5	Bostock (1952, p. 44-45)
27	PATTISON	Porphyry Cu Mo	115 J 10	7	Payne et al (1987, p. 123-124)
28	DRI	Work Target	115 J 15	9	INAC (1981, p. 267)
29	STEVENSON	Work Target	115 J 10	9	INAC (1981, p. 267)
30	LESLIE	Work Target	115 J 10	9	INAC (1981, p. 267)
31	CHAIR	Work Target	115 K 2	9	INAC (1981, p. 267; 1983, p. 207; 1986, p. 195); This Report
32	NEF	Work Target	115 J 15	9	INAC (1981, p. 267); Morin et al (1980, p. 26)
33	MK	Work Target	115 J 15	9	INAC (1981, p. 267)
34	HASL	Work Target	115 J 15	9	INAC (1981, p. 267)
35	DOYLE	Work Target	115 J 11	9	Sinclair et al (1976, p. 147)
36	COFFEE	Work Target	115 J 11	9	Sinclair et al (1976, p. 147)
38	WHISKEY JOE	Work Target	115 J 10	9	INAC (1982, p. 221)
39	JOE	Work Target	115 J 9	9	INAC (1982, p. 221)
41	KOE	Work Target	115 J 9	9	Payne et al (1987, p. 105-107); INAC (1987, p. 361)
42	MCDISCOVERY	Work Target	115 J 14	9	INAC (1986, p. 195)
43	L'SHRA	Work Target	115 J 16	9	INAC (1986, p. 195)
44	SIZZLER	Vein Au	115 J 16	7	INAC (1987, p. 362)
45	SHADOW	Vein Au Ag	115 J 8	7	INAC (1987, p. 362-363); This Report
46	SHERIDAN	Work Target	115 J 9	9	Payne et al (1987, p. 124-125)
47	OATS	Work Target	115 J 9	9	Payne et al (1987, p. 125)
48	GUESS	Work Target	115 J 9	9	Payne et al (1987, p. 125-126)
49	STRAW	Work Target	115 J 9	9	Payne et al (1987, p. 126)
50	BATTLE	Work Target	115 J 9	9	Payne et al (1987, p. 126-127)
51	ANA	Work Target	115 J 10	9	Payne et al (1987, p. 116)
52	PEG	Work Target	115 J 10	9	Payne et al (1987, p. 116)
53	TOAD	Work Target	115 J 10	9	Payne et al (1987, p. 117)
54	ISAAC	Vein Au Ag Pb Zn	115 J 10	7	Payne et al (1987, p. 118)
55	IDAHO	Vein Au Ag	115 J 10	7	Payne et al (1987, p. 118); INAC (1987, p. 363-364)
56	HOLE	Work Target	115 J 10	9	Payne et al (1987, p. 120)
57	GEP	Work Target	115 J 10	9	Payne et al (1987, p. 120-121)
58	CLEVELAND	Work Target	115 J 10	9	Payne et al (1987, p. 121)
59	HAXE	Work Target	115 J 10	9	Payne et al (1987, p. 121-122)
60	RONGE	Work Target	115 J 10	9	Payne et al (1987, p. 122)
61	VIC	Work Target	115 J 10	9	Payne et al (1987, p. 123)
62	AMA	Work Target	115 J 10	9	This Report
63	ROI	Work Target	115 J 15	9	This Report
64	JK	Work Target	115 J 16	9	This Report
65	ORO	Work Target	115 J 14	9	This Report
66	FOG	Vein Au Ag	115 J 8	7	This Report

COCKFIELD
Nordac Mining Corp.

Copper, Molybdenum Porphyry
115 J 9, 10 (7)
62°38'N, 138°30'W
1986

Reference: Payne et al. (1987, p. 107-110).

Claims: OKE 1-76; HEN 1-88; KOKUP 1-24

Source: Summary by T. Bremner of assessment report 091924 by R.C. Carne (Archer, Cathro and Associates (1981) Ltd.)

Current Work and Results:

In 1986, 196 soil samples were collected on ten regional traverses across the Mt. Cockfield property. The samples were assayed for gold by neutron activation analysis, and returned a number of anomalous values up to 305 ppb Au over a background of 2-3 ppb Au.

Chalcedonic quartz veins which carry gold and silver values on the adjacent KOE claims extend north and south onto the Nordac property. Some of the most anomalous samples taken in 1986 were roughly on trend with these veins.

CASINO
Nordac Mining Corporation

Copper, Molybdenum Porphyry
115 J 10 (12)
62°43'N, 138°60'W
1986

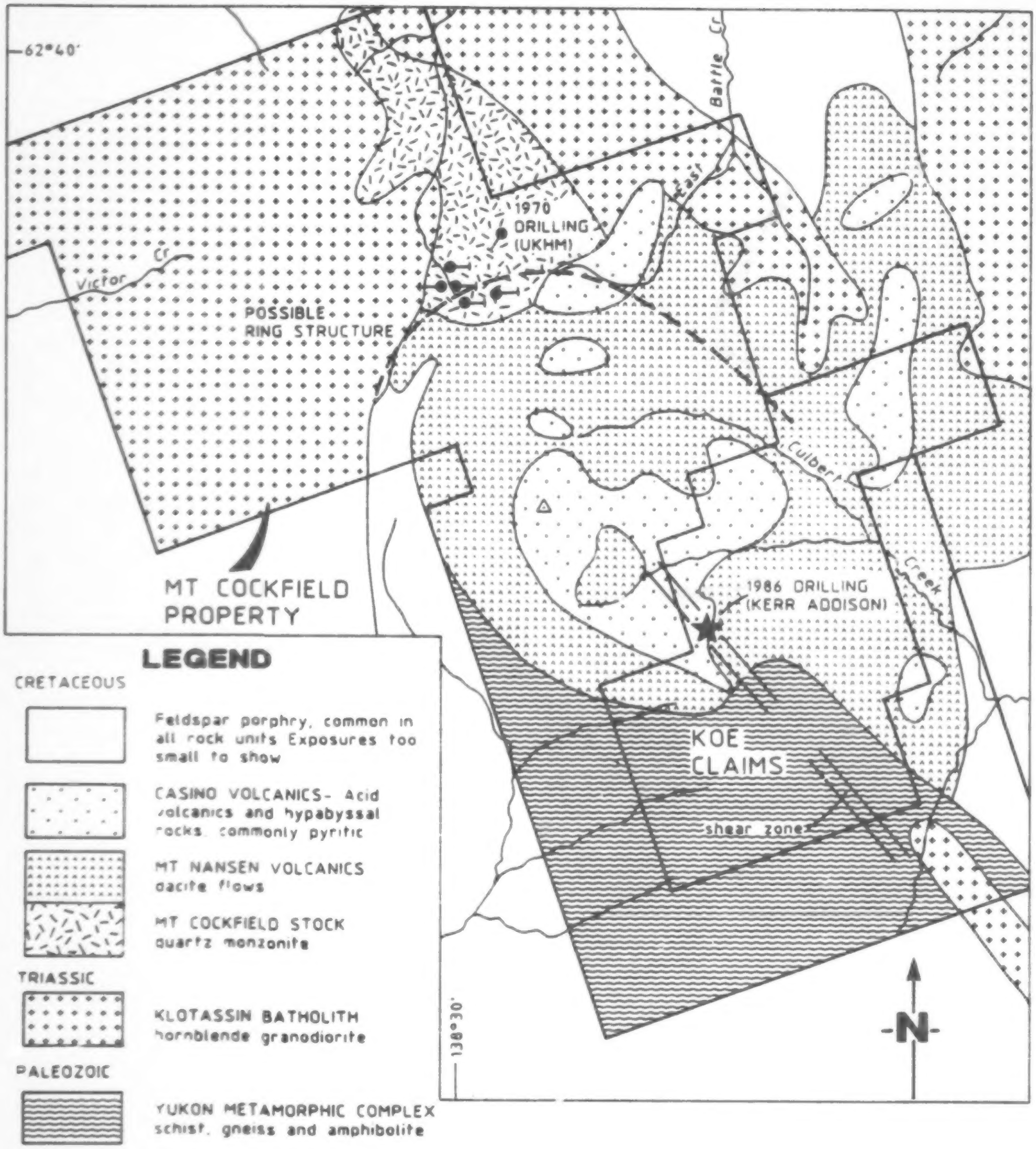
References: Payne et al (1987, p. 99-102); Craig and Laporte (1972, p. 55-57)

Claims: ANA 1-56

Source: Summary by W.P. LeBarge from assessment report 091703 by R.C. Carne (Archer, Cathro and Associates (1981) Ltd).

Current Work and Results:

In 1986 a geochemical survey was carried out on the ANA claims. Two hundred and fifty B-Horizon soil samples were analysed for gold only. Background values were above 30 ppb Au, and a number of north-northeast trending zones exceeded 150 ppb Au. The highest value obtained was 414 ppb Au.


62°40'
East Battle Cr
1970 DRILLING (UKHM)
Victor Cr
POSSIBLE RING STRUCTURE
Culbert Creek
MT COCKFIELD PROPERTY
1986 DRILLING (KERR ADDISON)
KOE CLAIMS
shear zone
138°30'
N
LEGEND
CRETACEOUS
Feldspar porphry, common in all rock units Exposures too small to show
CASINO VOLCANICS- Acid volcanics and hypabyssal rocks commonly pyritic
MT NANSEN VOLCANICS dacite flows
MT COCKFIELD STOCK quartz monzonite
TRIASSIC
KLOTASSIN BATHOLITH hornblende granodiorite
PALEOZOIC
YUKON METAMORPHIC COMPLEX schist, gneiss and amphibolite

MT COCKFIELD PROPERTY

GENERAL GEOLOGY FROM
ASSESSMENT REPORT
091924 by
R.C. CARNE (1987)

0 1500 3000
metres

CHAIR
G. Harris

Work Target
115 K 2 (31)
62°02'N, 140°45'W
1986-87

References: INAC (1983, p. 207)

Claims: CHAIR GOLD 1-12, 15-18

Source: Summary by T. Bremner of assessment report 091955 by G. Davidson.

History:

Trenching on the almost adjacent GOLD claims northeast of Chair Mountain in the late 1960's uncovered copper-bearing skarn. Several old blast pits are also evident near the summit of Chair Mountain, and quartz float collected from the south face of Chair Mountain in the 1960's reportedly contained up to 8.6 g/t Au.

Description:

Andesitic metavolcanic rocks of the Pennsylvanian? Station Creek Formation and argillite, greywacke, conglomerate and limestone of the Permian Hasen Creek Formation are cut by a northwest-trending fault which is intruded by quartz feldspar porphyry dykes. The dykes are strongly clay-altered, contain up to 25% pyrite and form orange gossans. Quartz veins are common but generally contain no visible sulphides. However, veins exposed in several old hand pits near the summit of Chair Mountain are stained with malachite and azurite and contain minor tetrahedrite and pyrite.

Current Work and Results:

Reconnaissance mapping and prospecting was done in 1986. Soil samples from gossan overlying porphyry dykes returned up to 85 ppb Au. The old pits on Chair Mountain were resampled, returning up to 4.2 ppm Ag. Several quartz veins on the east bank of Sanpete Creek were exposed by blasting. The largest pit exposed a quartz vein 1.5 m wide which contained up to 5% sphalerite and minor galena. A chip sample across the vein returned 500 ppb Au.

FOG
Kerr Addison Mines Ltd

Gold, Silver Vein
115 J 8 (66)
62°18'N, 138°02'W
1986

References: INAC (1987, p. 362)

Claims: FOG 1-24

Source: Summary by T. Bremner of assessment report 091950 by J. Pautler.

Description:

Cretaceous granodiorite is intruded by dykes and small stocks of rhyolite and quartz-feldspar porphyry. Northwest to west-trending quartz-siderite veins with pyrite and minor tetrahedrite also cut the granodiorite. The rhyolitic rocks are commonly clay-altered. Adjacent to quartz veins, the rhyolitic rocks are sericitized and silicified and the granodiorite exhibits clay and pyrite alteration. The FOG vein consists of sheeted quartz vein talus extending over a 300 x 30 m area. A vein of quartz-carbonate breccia identified as VEIN 2 occurs southwest of the FOG vein and appears to be 500 m long and 0.2 to 2 m wide. Many other quartz veins are indicated on the property.

Current Work and Results:

Soil and VLF surveys were done in 1986 over the northeast half of the property. Grab samples returned values up to 2 g/t Au and 4.3 g/t Ag from the FOG vein zone. VLF results suggest FOG zone consists of several subparallel veins trending west to northwest.

VEIN 2 coincides with a VLF conductor and an Sb soil anomaly. A pyriticsection of this vein contained 65 ppb Au. Other veins and stringers on the property contain gold values in the 50 to 250 ppb range. Many occurrences of quartz float across the property occur within and along VLF conductors.

42. MCDISCOVERY

F. Stretch
115 J 14
62°56'N, 139°10'W

Claims: FREBRU 1-4

43. L'SHRA

D. Morris
115 J 15, 16
62°59'N, 138°30'W

Claims: MJ 1-10

63. ROI

S. Cone
115 J 15
62°59'N, 138°35'W

Claims: ROI 1-42

64. JK

Ger Van Resources Ltd
115 J 16

62°58'N, 138°24'W

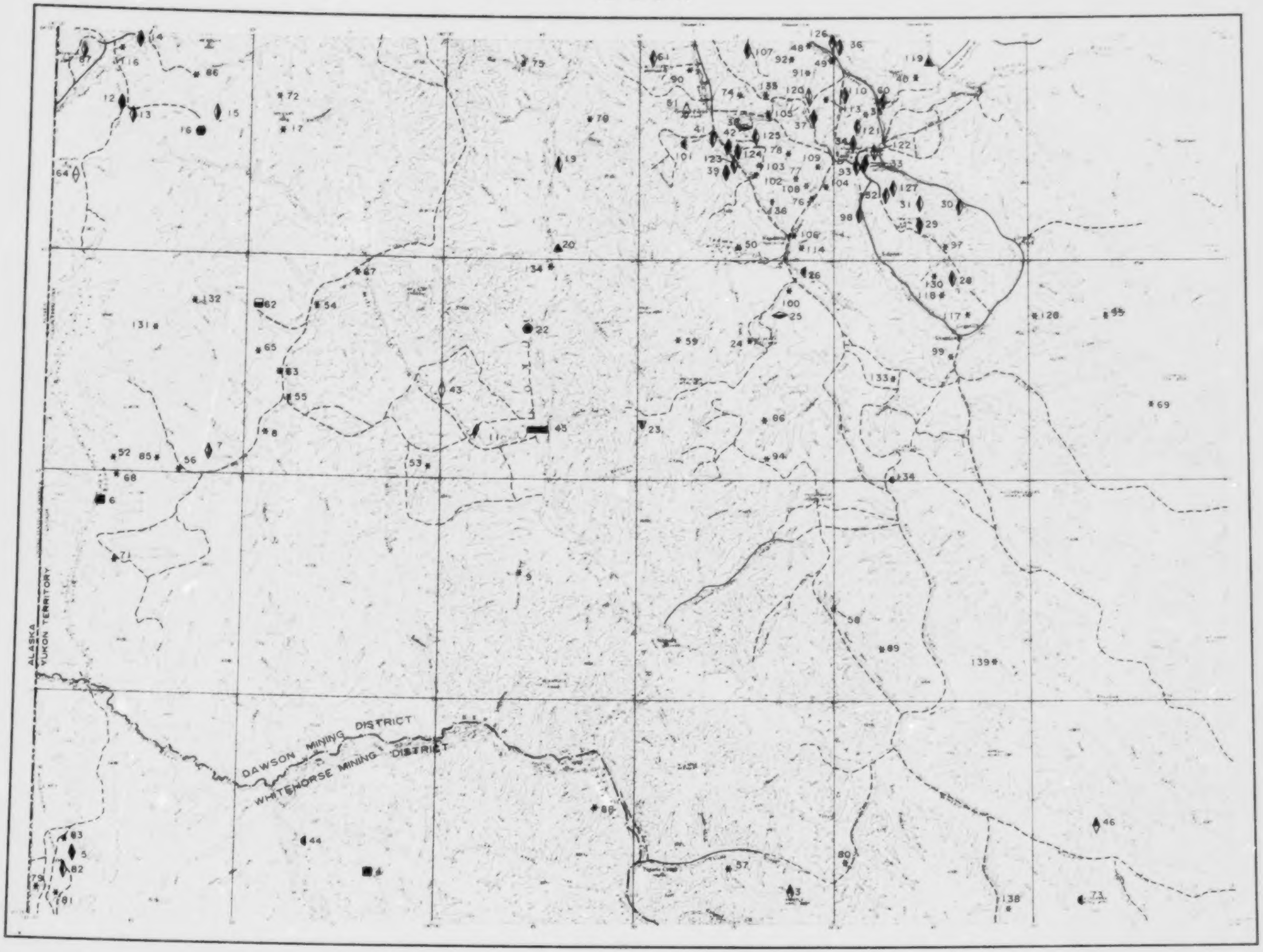
Claims: JK 1-4, SG 1-32

65. ORO

M. Anderson
115 J 14
60°57.5'N, 139°01'W

Claims: ORO

115 O & N


ALASKA
YUKON TERRITORY
DAWSON MINING DISTRICT
WHITEHORSE MINING DISTRICT
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STEWART RIVER
YUKON TERRITORY

Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

5 0 5 10 15 20 25 30
Kilometres

Tote Trail
Driveable Road
Airstrip

STEWART RIVER MAP-AREA (NTS 115 N-O)

General References: GSC Map 18-1973 and Paper 73-41 by D.J. Tempelman-Kluit, 1974a;
GSC Map 711A by H.S. Bostock, 1942 (115 0);
INAC Open File (115 0 9, 10, 11, 14, 15, 16 and 116 B 2, 3) by R.L. Debicki, 1984 and 1985;
GSC Geochem Open Files 1364 and 520.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	TREVA	Deleted: no information			
2	NORTHERN LIGHTS	Deleted: no information			
3	BLACK FOX	Vein Pb Cu	115 0 3	7	Cairnes (1917, p. 33-34)
4	ARIES	Porphyry Cu Mo	115 N 1	7	
5	MOOSEHORN	Vein Au Ag	115 N 2	5	Morin et al (1977, p. 185); Morin et al (1977, p. 33-54)
6	LADUE	Porphyry Cu Mo	115 N 7	7	
7	SANTA	Vein Ag Pb Sn	115 N 10	7	
8	SVENN	Work Target	115 N 9	9	Cockfield (1921, p. 52)
9	EXCELSIOR	Work Target	115 0 5	9	MacLean (1914, p. 121)
10	COMET	Deleted: no information			
11	TENMILE	Vein Au Ag	115 0 12	7	McConnell (1902, p. 25-39)
12	LUBRA	Vein Ag Pb Au	115 N 15	7	Tempelman-Kluit (1974a, p. 74)
13	CONNAUGHT	Vein Ag Pb Cu Mo	115 N 15	5	INAC (1982, p. 224)
14	PER	Vein Au Ag Pb Zn Cu	115 N 15	6	INAC (1987, p. 369); This Report
15	BUTLER	Vein Ag Pb Zn	115 N 15	6	Cockfield (1919a, p. 8); Craig and Laporte (1972, p. 32-34)
16	FIFTY	Skarn Cu	115 N 15	7	
17	ENCHANTMENT	Work Target	115 N 16	9	Tempelman-Kluit (1973, p. 48-49)
18	MONTE CHRISTO	Deleted: no information			
19	PICKERING	Vein Au	115 0 13	7	MacLean (1914, p. 120)
20	INDIAN	Asbestos	115 0 13	7	
21	BISHOP	Deleted: no information			
22	WOOD	Skarn Cu	115 0 12	7	
23	LUCKY JOE	Stratabound discordant Cu	115 0 12, 11	7	INAC (1981, p. 271); McClintock and Sinclair (1986)
24	HAYSTACK	Work Target	115 0 11	9	MacLean (1914, p. 205)
25	MCKINNON	Consolidated placer Au	115 0 11	7	Lowey (1985)
26	RAVEN	Occurrence Cu	115 0 11	7	Morin et al (1980, p. 28); Debicki (1985); INAC (1986, p. 215)
27	FOTHERGILL	Deleted: no information			
28	KENTUCKY LODE	Vein Au	115 0 10	7	Debicki (1985); INAC (1986, p. 200); This Report
29	GOLD RUN	Vein Au Ag	115 0 15	7	Debicki (1985); INAC (1986, p. 207)
30	PORTLAND	Vein Au	115 0 15	7	Debicki (1985); INAC (1986, p. 208)
31	DOMINION	Vein Au Pb	115 0 15	7	Debicki (1985); INAC (1986, p. 210)
32	LLOYD	Vein Au	115 0 15	7	Debicki (1985); INAC (1986, p. 210)
33	HUNKER DOME	Vein Au Ag Pb	115 0 15	7	Debicki (1984)
34	MITCHELL	Vein Au	115 0 15	7	INAC (1983, p. 210-211); Debicki (1984)
35	FAWCETT	Work Target	115 0 15	7	INAC (1986, p. 212)
36	BUM	Vein Ag Cu	115 0 15	7	Gleeson (1970, p. 14-15); Craig and Milner (1975, p. 13); Debicki (1984)
37	BOX CAR	Vein Au Ag Cu	115 0 14	7	Debicki (1984); INAC (1986, p. 202); This Report
38	LONE STAR	Vein, stratabound Au	115 0 14	3	Debicki (1984); INAC (1987, p. 370); This Report
39	VIOLET	Vein Au Ag	115 0 14	7	Debicki (1984); INAC (1987, p. 370); This Report
40	LEOTTA	Work Target	115 0 15	9	Debicki (1985)
41	HILCHEY (RON)	Vein Au	115 0 14	7	Debicki (1984); INAC (1985, p. 264)
42	BUCKLAND	Vein Au Ag	115 0 14	7	Green and Godwin (1963, p. 19); Gleeson (1970, p. 16)
43	SUSTAK	Vein Fe	115 N 9, 115 0 12	7	
44	PROSPECT	Occurrence Cu	115 N 1	7	
45	CRUIKSHANK	Coal	115 0 12	7	
46	MCMICHAEL	Vein Cu	115 0 1	7	
47	GOLDEN ROD	Deleted: no information			
48	HEFFRING	Work Target	115 0 14	9	Debicki (1984)
49	TRILBY	Work Target	115 0 14	9	Debicki (1984)
50	TORRANCE	Work Target	115 0 14	9	Debicki (1984)
51	BALD EAGLE	Vein Ba	115 0 14	7	INAC (1981, p. 271)
52	STEVO	Work Target	115 N 10	9	INAC (1981, p. 274)
53	FLUME	Work Target	115 N 9	9	INAC (1981, p. 274)
54	TYRRELL	Work Target	115 N 9	9	INAC (1981, p. 274);
55	SNIP	Work Target	115 N 9	9	INAC (1981, p. 274)
56	DOLE	Work Target	115 N 10	9	INAC (1981, p. 274)
57	THIS	Work Target	115 0 3	9	INAC (1981, p. 274; 1986, p. 215)

58	MAISY	Work Target	115 O 6, 7	9	INAC (1981, p. 274)
59	RUBY	Work Target	115 O 11	9	INAC (1981, p. 274)
60	HUNK	Vein Au	115 O 15	6	INAC (1987, p. 371)
61	MT. BRONSON	Vein Pb Au	115 O 14	7	INAC (1981, p. 272-273); Debicki (1984); This Report
62	JOVE	Granite-hosted U	115 N 9	7	INAC (1981, p. 273)
63	SON	Work Target	115 N 9	9	INAC (1981, p. 273)
64	CRAG	Breccia U	115 N 15	7	INAC (1981, p. 273)
65	DOORMAT	Work Target	115 N 9	9	Morin et al (1977, p. 138-139)
66	BISMARK	Work Target	115 O 11	9	Morin et al (1980, p. 27)
67	HEC-TOR	Work Target	115 N 9	9	Morin et al (1980, p. 27)
68	BORD	Work Target	115 N 7, 10	9	Morin et al (1980, p. 27)
69	LIL	Work Target	115 O 9	9	Morin et al (1980, p. 28)
70	RDN	Work Target	115 O 13	9	INAC (1982, p. 224)
71	BUD	Work Target	115 N 7	9	INAC (1982, p. 224)
72	MT. HART	Work Target	115 N 16	9	INAC (1982, p. 224)
73	PYROXENE	Occurrence Au	115 O 1	7	INAC (1987, p. 377; This Report
74	CIM	Work Target	115 O 14	9	INAC (1982, p. 224)
75	HUNG	Work Target	115 O 13	9	INAC (1982, p. 224)
76	READFORD	Work Target	115 O 14	9	INAC (1982, p. 224)
77	EVING	Work Target	115 O 14	9	INAC (1982, p. 224)
78	ORO	Work Target	115 O 14	9	INAC (1982, p. 224)
79	LODE	Work Target	115 N 2	9	INAC (1983, p. 210-212)
80	DL	Work Target	115 O 2	9	INAC (1985, p. 265); This Report
81	GIT	Work Target	115 N 2	9	INAC (1985, p. 265)
82	REEF	Vein Au	115 N 2	7	INAC (1986, p. 215); This Report
83	HIT	Work Target	115 N 2	9	INAC (1985, p. 266)
84	HILL	Work Target	115 N 2	9	INAC (1985, p. 266)
85	MAT	Work Target	115 N 10	9	INAC (1985, p. 261)
86	FOXY	Work Target	115 N 15	9	INAC (1985, p. 266)
87	MOLY	Vein Ag	115 N 15	7	INAC (1985, p. 266); This Report
88	VANESSA	Work Target	115 O 4	9	INAC (1985, p. 266)
89	STAR	Work Target	115 O 7	9	INAC (1985, p. 261)
90	DAWSYND	Work Target	115 O 14, 116 B 3	9	INAC (1987, p. 372-373); This Report
91	DAWSON	Work Target	115 O 14	9	INAC (1985, p. 265; 1986, p. 216); This Report
92	BREMNER	Work Target	115 O 14	9	Debicki (1984); INAC (1985, p. 266)
93	KLOOK	Vein Au	115 O 15	7	INAC (1986, p. 213)
95	HAM	Work Target	115 O 9	9	INAC (1986, p. 215)
96	LASS	Deleted: same as #28 KENTUCKY LODE			
97	RUN	Work Target	115 O 10, 15	9	INAC (1986, p. 215)
98	SUL	Vein Au	115 O 10, 15	6	INAC (1987, p. 371); This Report
99	MARGE	Work Target	115 O 10	9	INAC (1986, p. 215);
100	ANN	Work Target	115 O 11	9	INAC (1986, p. 216)
101	HAWK	Vein Au	115 O 14	7	INAC (1987, p. 372-375); This Report
102	KH	Work Target	115 O 14	9	INAC (1986, p. 216)
103	REX	Work Target	115 O 14	9	INAC (1986, p. 216)
104	BRAZIL	Work Target	115 O 14	9	INAC (1986, p. 216)
105	BON	Work Target	115 O 14	9	INAC (1986, p. 216);
106	QUA	Work Target	115 O 14	9	INAC (1986, p. 217);
107	BEA	Vein Au	115 O 14	6	INAC (1987, p. 375-376)
108	CAN	Work Target	115 O 14	9	INAC (1986, p. 217);
109	KLATHRO	Work Target	115 O 14, 15	9	INAC (1986, p. 217);
110	CUAG (GOLD BOTTOM)	Vein Cu Ag	115 O 15	7	INAC (1986, p. 217);
111	SAS	Deleted: same as #29 GOLD RUN			This Report
112	DOM	Deleted: same as #30 PORTLAND			This Report
113	FAWCETT	Work Target	115 O 15	9	INAC (1986, p. 217); This Report
114	HAREM	Work Target	115 O 14	9	INAC (1987, p. 377)
115	KEY	Deleted: same as #25 MCKINNON			
116	SIXTY MILE	Work Target	115 N 15	9	INAC (1987, p. 377)
117	RIJ	Work Target	115 O 10	9	This Report
118	BTTA	Work Target	115 O 10	9	This Report
119	ASBESTOS BLUFF	Asbestos	115 O 15	7	Debicki (1984)
120	KEYNOTE	Vein Pb	115 O 14	7	Debicki (1984)
121	ALPHONSE	Vein Au	115 O 15	6	Debicki (1984)
122	SUMMIT	Vein Pb	115 O 15	7	Debicki (1984)
123	CULLEN	Vein Au	115 O 14	7	Debicki (1984)
124	BUCKLAND	Vein Au	115 O 14	7	Debicki (1984)
125	ELDORADO DOME	Vein Au	115 O 14	7	Debicki (1984)
126	PUP (TOM)	Vein Pb Cu	115 O 14	7	Craig and Milner (1975, p. 13)
127	GREEN GULCH	Vein Au	115 O 15	7	Debicki (1985)
128	BURNHAM	Work Target	115 O 9	9	Debicki (1985)
129	KENTUCKY LODE	Deleted: same as #28 KENTUCKY LODE			
130	KENTUCKY WEST	Work Target	115 O 10	9	Debicki (1985)
131	JILL	Work Target	115 N 10	9	This Report
132	CAPE	Work Target	115 N 10	9	This Report
133	AJM	Work Target	115 O 10	9	This Report
134	CHI	Work Target	115 O 7, 10	9	This Report
135	HOPE	Work Target	115 O 14	9	This Report
136	FOX	Work Target	115 O 14	9	This Report
137	J.A.E.	Work Target	115 O 14	9	This Report
138	KEVIN	Work Target	115 O 2	9	This Report
139	PORKY	Work Target	115 O 7	9	This Report

PER
Esso Minerals Canada

Gold, Silver, Lead, Zinc Vein
115 N 15 (14)
63°59'N, 140°48'W
1986

References: INAC (1987, p. 369)

Claims: DELIA 1-6; WENDY 1-9

Source: Summary by W.P. LeBarge of assessment report 091734 by P.J. McGuigan (Esso Minerals Canada).

Current Work and Results:

The 1986 program consisted of 1:500 scale geological mapping and selected rock sampling. Mapping of three pits on the property revealed strongly fractured and altered andesite flows and andesite breccia. Complex fracturing and faulting was accompanied by early stage epidote-chlorite alteration, mid-stage clay-pyrite alteration and late-stage intrusion of andesite dykes. Mineralization consists of fracture coatings and irregular veinlets of pyrite, galena, sphalerite and chalcopyrite associated with a northeast-trending fault zone. The highest gold value was 1.80 g/t obtained from a pyritic yellow clay near silicified andesite.

MCKINNON
Volcano Resources Corp.

Work Target
115 O 11 (25)
63°40'N, 139°07'W
1985-86

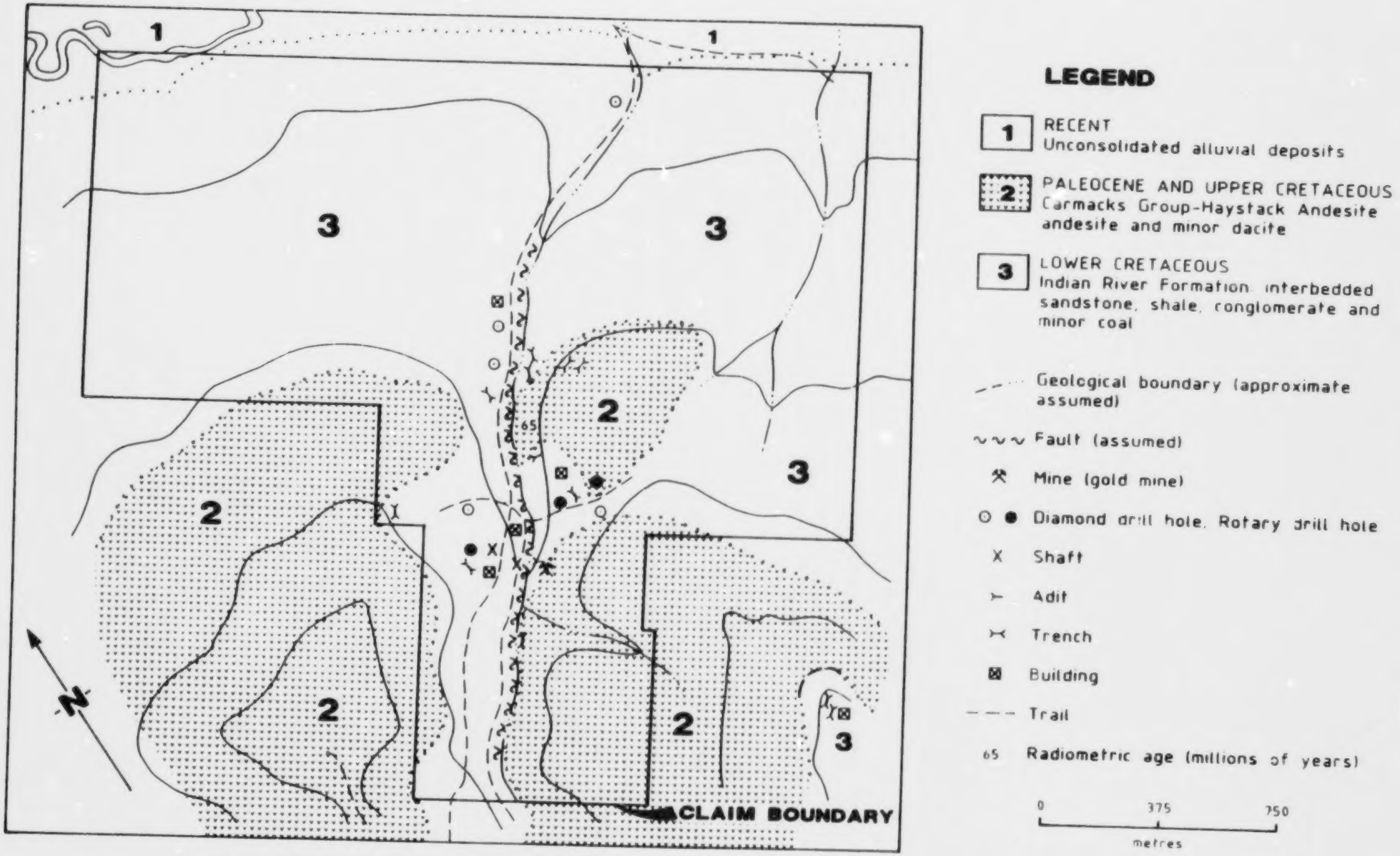
References: Lowey (1985)

Claims: KEY 1-12, 14, 16-38

Source: Summary by T. Bremner of assessment reports 091941 and 092082 by D.H. Waugh.

Description:

Silt-sized gold particles occur in the matrix of the clast-supported McKinnon Creek conglomerate of Albian age. Gold values in the conglomerate range from a trace to 3.4 g/t. Numerous pits and trenches, three adits and four shafts attest past exploration on the property.


1
1
3
3
3
2
2
2
2
3
65
CLAIM BOUNDARY
N
LEGEND
1 RECENT
Unconsolidated alluvial deposits
2 PALEOCENE AND UPPER CRETACEOUS
Carmacks Group-Haystack Andesite
andesite and minor dacite
3 LOWER CRETACEOUS
Indian River Formation interbedded sandstone, shale, conglomerate and minor coal
Geological boundary (approximate assumed)
Fault (assumed)
Mine (gold mine)
Diamond drill hole, Rotary drill hole
Shaft
Adit
Trench
Building
Trail
65 Radiometric age (millions of years)
0
375
750
metres

McKINNON CREEK KEY PROPERTY
McKINNON CREEK, INDIAN RIVER AREA

GENERAL GEOLOGY FROM
ASSESSMENT REPORT
092082 BY
DH WAUGH

GOLDEN DREAM and KIM claims were staked in 1965 by K. Miller and C. Anderson. Dawson Eldorado Gold Explorations Limited staked the KLAW claims in 1983 and carried out a limited program of geochemical sampling.

Description:

A major west-dipping thrust fault separates a Paleozoic hangingwall sequence of chlorite schist, chlorite-quartz schist and minor metagabbro from a Paleozoic footwall sequence of muscovite schist, quartz-muscovite schist, micaceous quartzite and chlorite-quartz schist. The fault zone is up to 100 metres thick and contains imbricated discontinuous bodies of serpentinite, carbonate-altered serpentinite, quartz-carbonate-chromium mica rock, talc-carbonate schist, chlorite schist and metagabbro. Subsidiary shears cutting the footwall are subparallel to the thrust fault. A small intrusion of Tertiary(?) quartz-feldspar porphyry outcrops south of the claims.

Numerous quartz veins and quartz sweats occur on the property, mainly along the trace of the thrust fault. Veins range in thickness from 0.6 to 1.2 metres and occasionally contain pyrite. Wire-like placer gold has been mined from 24 Pup on the east side of the property.

Current Work and Results:

Exploration in 1986 and 1987 was directed toward finding a lode source for the placer gold. The 1986 program of exploration consisted of prospecting and geochemical sampling. One hundred and fifty-two soil samples were collected and analyzed for 24 elements including gold, silver, copper, arsenic, lead and zinc. Several soil samples exceeded 20 ppb Au while the best value obtained was 107 ppb Au.

Bulldozer trenching and bedrock sampling were carried out in 1987. The trenches cut through 0.3 m of soil and 1-2.5 m of black muck, clay and bedrock fragments, bottoming in frost-heaved quartz-muscovite, quartz-chlorite and quartz-graphite schist. Forty-seven chip samples from 940 m of trench were analysed for 33 elements. Only six of the samples exceeded 20 ppb Au, the highest value being 87 ppb Au.

LONE STAR
Arbor Resources Ltd/
Dawson Eldorado Mines Ltd

Gold Vein/Stratabound
115 O 14 (38)
63° 53'N, 139° 14'W
1986,1987

References: INAC (1987, p. 370)

Claims: DE 1-14; AC 1-35; RJ 1-32, 39-60, 62-63, 65-70; RON 1-40; CIM 1-4; REX 1-51; DN 1-33, 1F, 2F, F; ND 1-22, F; VI 1-16, 18, 43-44; Crown Grants VICTORIA, PORPHYRY LODE, YANKEE GIRL, ESTER DNA, ARGYLE, NEW BONANZA, NEW BONANZA NO.2, NIOBE FRACTION LONE STAR, ZULU CHIEF, SWASTIKA, UDAS, CATO, THISTLE

Source: Summary by W.P. LeBarge of assessment reports 091756 by P. Grunenberg and R. Gonzalez (Mark Management Ltd), 091760 by Z. Dvorak (Aerodat Ltd) and 091754 by P.E. Walcott (Peter E. Walcott and Associates Ltd).

Description:

The LONE STAR property is underlain by well-foliated quartz-feldspar-sericite schist, graphitic schist, chloritic schist, quartz-eye schist and chlorite-muscovite quartzite of the Klondike Series. Northwest-trending quartz-feldspar porphyry and diabase dykes crosscut the schist while quartz occurs as pods, stringers and discordant veins throughout. Gold is found in discontinuous quartz veins and in several sulphide-rich horizons within quartz-muscovite and chlorite-muscovite schists.

Current Work and Results:

Extensive exploration was completed between June 1986 and February 1987, including an airborne geophysical survey, magnetometer surveys, VLF-EM16 and IP surveys, soil sampling, bulldozer trenching, diamond drilling and reverse circulation rotary drilling.

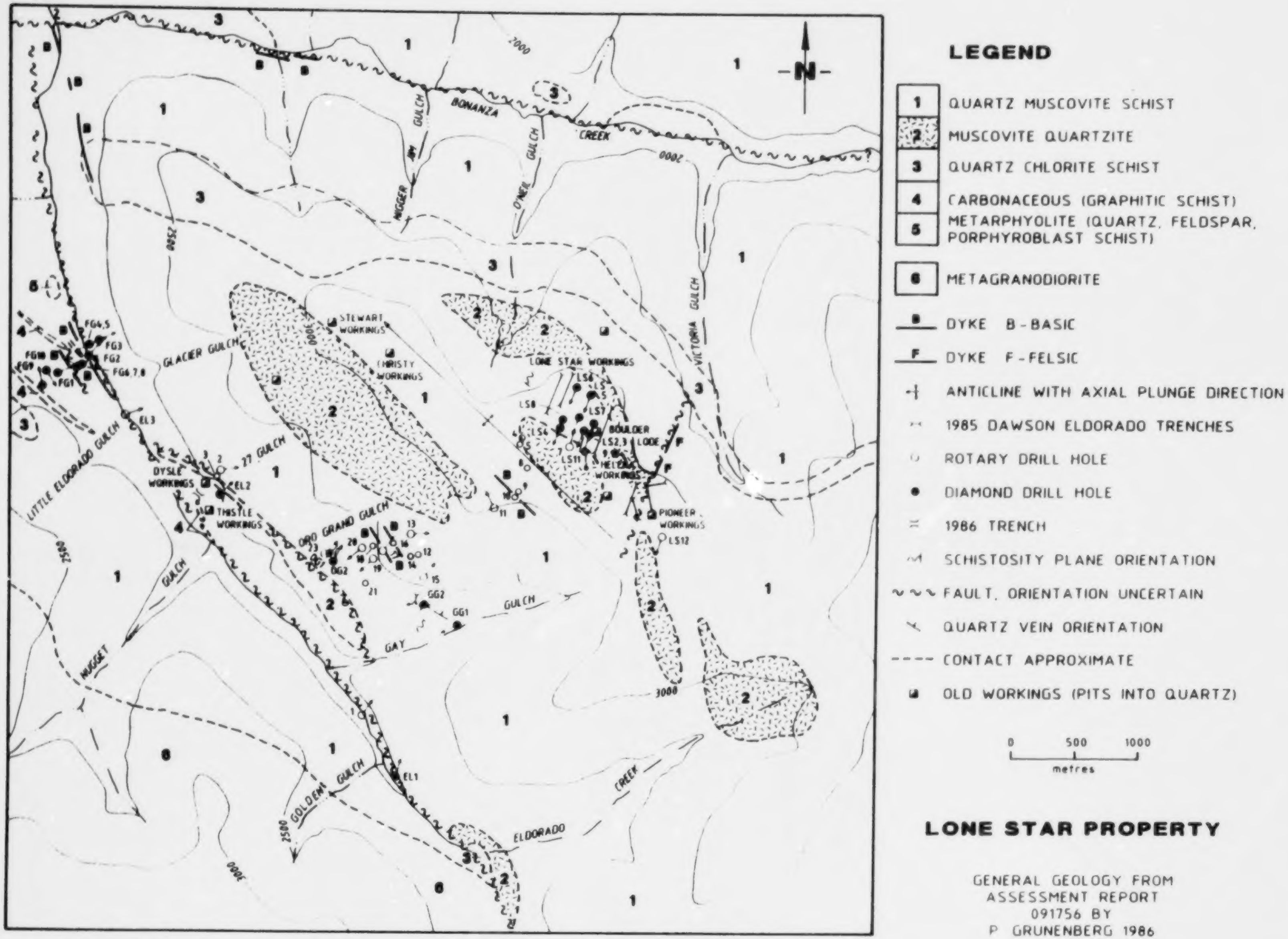
The airborne geophysical survey outlined several magnetic lows along valley floors, as well as some linear conductors. An IP survey detected a moderately chargeable zone near the old LONE STAR workings which is possibly due to low-grade sulphide mineralization within the schist.

Soil sampling located several anomalous areas which will be sampled in detail in the future. Gold values ranged as high as 1470 ppb.

Two trenches were excavated, one at 27 Pup Gulch and one at Oro Grande Gulch. The 27 Pup trench exposed quartz-muscovite schist with several clay-rich shears but no significant quartz veining. The Oro Grande trench failed to reach bedrock due to permafrost but did uncover a number of large quartz blocks from an undetermined source.

Diamond drilling of twenty-nine holes totalling 2618 metres was concentrated in three target areas; French Gulch, Eldorado Creek, and near the old LONE STAR workings.

In French Gulch, ten holes were drilled to intersect a pyritiferous chlorite schist horizon and a series of quartz veins and shears. Anomalous


N
LEGEND
1 QUARTZ MUSCOVITE SCHIST
2 MUSCOVITE QUARTZITE
3 QUARTZ CHLORITE SCHIST
4 CARBONACEOUS (GRAPHITIC SCHIST)
5 METARPHYOLITE (QUARTZ, FELDSPAR, PORPHYROBLAST SCHIST)
6 METAGRANODIORITE
B DYKE B-BASIC
F DYKE F-FELSIC
ANTICLINE WITH AXIAL PLUNGE DIRECTION
1985 DAWSON ELDORADO TRENCHES
ROTARY DRILL HOLE
DIAMOND DRILL HOLE
1986 TRENCH
SCHISTOSITY PLANE ORIENTATION
FAULT, ORIENTATION UNCERTAIN
QUARTZ VEIN ORIENTATION
CONTACT APPROXIMATE
OLD WORKINGS (PITS INTO QUARTZ)
0
500
1000
metres
BONANZA
CREEK
NIGGER JIM GULCH
O'NEIL GULCH
VICTORIA GULCH
GLACIER GULCH
LITTLE ELDORADO GULCH
27 GULCH
ORO GRAND GULCH
GAY GULCH
NUGGET GULCH
GOLDEN GULCH
ELDORADO CREEK
STEWART WORKINGS
CHRISTY WORKINGS
LONE STAR WORKINGS
BOULDER LODE
HELENA WORKINGS
PIONEER WORKINGS
DYSLE WORKINGS
THISTLE WORKINGS
LS2,3
LS4
LS5
LS6
LS7
LS8
LS11
LS12
FG1
FG2
FG3
FG4,5
FG6,7,8
FG9
FG10
EL1
EL2
EL3
GG1
GG2
2000
2500
3000

LONE STAR PROPERTY

GENERAL GEOLOGY FROM
ASSESSMENT REPORT
091756 BY
P GRUNENBERG 1986

Current Work and Results:

In 1985 and 1986 the old workings, drill core and dumps were examined and sampled. Assays returned values ranging from a trace to 0.2 g/t Au. Samples containing visible free gold returned very low assay values, suggesting that bulk sampling may be necessary to establish a true average grade. Silicification around some of the old workings is attributed to possible hydrothermal alteration.

A reconnaissance magnetometer survey over two control lines was able to differentiate between weakly magnetic McKinnon Creek conglomerate and moderately magnetic Upper Cretaceous andesite volcanic rocks in the area around the old workings, with a maximum magnetic relief of 400 gammas. Ground magnetometer and EM surveys were done to assist with mapping the property and defining drill targets.

In 1987, nine NQ holes totalling 464 m were drilled along the east side of McKinnon Creek, including five near the BRITANNIA shaft and adit, two near old pits in the black conglomerate and two in the vicinity of the ANDROMEDA adit. In the BRITANNIA shaft area, the drill penetrated 18-36 m of clast-supported quartz pebble conglomerate showing weak to intense phyllic to argillic alteration and zones of intense silicification, overlying bleached, altered andesite porphyry. Near the old pits, andesite porphyry was overlain by up to 42 m of interbedded sandstone and black, muddy siltstone. At the ANDROMEDA adit, the sequence consisted entirely of sandstone and siltstone as above. None of the 90 samples assayed returned economic gold or silver values.

FAWCETT	**Work Target**
Archer, Cathro and Associates (1981) Ltd	**115 0 15 (35)**
	63°55'N, 138°55'W
	1986, 1987

References: INAC (1986, p. 212)

Claims: LAW 1-18

Source: Summary by W.P. LeBarge and T. Bremner of assessment reports 091706 by R.C. Carne and 091984 by R.J. Cathro (Archer, Cathro & Associates (1981) Ltd).

History:

T. Fawcett staked the property in 1908 as the BRANDON and HILLSBOROUGH claims. Limited trenching of the property took place prior to 1912. In 1962 W. Robertson restaked the area and later allowed the claims to lapse. The values of gold, silver, lead, copper and arsenic were found in several quartz veins, including gold grades of 0.34 g/t Au over 2.43 metres and 6.85 g/t Au over 0.45 metres.

Seven diamond drill holes were drilled in Eldorado Creek. No anomalous values were intersected and many holes were abandoned due to fractured bedrock.

Twelve diamond holes were drilled near the old LONE STAR workings. The best gold values were found in chlorite and muscovite schist, with local sericite, phlogopite and mariposite. The best intersection was 12.2 g/t Au over 0.9 metres in mariposite-quartz-muscovite schist. Diamond drilling suggests the presence of an auriferous foliaform zone within the schist which is spatially related to, but not dependent on, higher sulphide concentrations.

Twenty-three reverse circulation rotary drill holes totalling 2807 metres were drilled in the area of Oro Grande and Gay Gulches. Significant gold values were intersected in many holes, including 7.89 g/t Au over 1.5 m and 7.47 g/t Au over 1.5 m. In one hole a 24 metre section averaged 2.8 g/t Au. Rotary drilling in this area has indicated the presence of a gold- bearing zone in chlorite and muscovite schist, with an absence of large quartz veins.

MT. BRONSON
Cominco Ltd

Lead, Gold Vein
115 O 14 (61)
64°00'N, 139°30'W
1987

References: INAC (1981, p. 272-273); Debicki (1984)

Claims: BRONSON 1-10; BRO 1-50

Source: Summary by T. Bremner of assessment report 092093 by J. Klein and I.A. Paterson.

Current Work and Results:

Roadbuilding, linecutting and geophysics were done on parts of the property in 1987. Geophysical work included 10.8 km of IP/Resistivity/ Magnetic surveys and VLF-EM surveys and followed up previous geological mapping, geochemical surveys and trenching. Several IP anomalies near the south end of the property are interpreted as possible indications of sulphide minerals.

PYROXENE
M.J. Brady

Gold Occurrence
115 0 1, 115 J 16 (73)
63°02'N, 138°23'W
1987

References: No previous reference

Claims: IRISH 1-150; KIPS 1-112; REST 1-104; BTT 1-32

Source: Summary by T. Bremner of assessment report 092088 by D.H. Waugh.

History:

H.S. Bostock mapped the area and reported a large percentage of platinum being recovered in a placer mining operation on a bench of Scroggie Creek. Doron Exploration staked the BTT claims in 1986 to cover ultramafic rocks outcropping on Pyroxene Mountain and the rest of the property was staked by R. McPhee and partners in 1987. Both properties were optioned by M.J. Brady in 1987.

Description:

Pyroxene Mountain is underlain by a stock of pyroxenite, gabbro, peridotite and serpentinite which intrudes Paleozoic schist, quartzite and phyllite. The ultramafic body is intruded along its northern and western margins by a granodiorite pluton of probable Jurassic age.

Current Work and Results:

In 1987, most of the area underlain by the pyroxenite stock was covered by a 101.4 line-km grid. Twenty-two rock samples and 1596 soil samples were collected and a ground magnetometer survey was carried out. Rock and soil geochemistry outlined two zones anomalous in platinum and palladium on the west part of the property. The anomalous areas are 1000-1200 m long and coincide with a region of high magnetic gradient along the interpreted northwest margin of the ultramafic stock. Soil geochemical values in this area range up to 280 ppb Pt and 150 ppb Pd, and several coincident gold values range up to 110 ppb.

Two of the rock samples proved anomalous. A magnetite-rich sample containing 2380 ppm V and 158 ppm Co was examined in polished thin section and found to consist mostly of magnetite, with abundant ilmenite, epidote, chlorite and amphibole, as well as traces of chalcopyrite and pyrite. A grab sample of friable rock from an isolated and deeply weathered outcrop located near the main soil anomaly assayed 15.2 g/t Au.

Two major northwest and northeast-striking lineaments were identified by remote sensing. These lineaments intersect two kilometres west of the summit of Pyroxene Mountain in the area of the platinum, palladium, gold and magnetic anomalies.

REEF
Moosehorn Exploration Program
Limited Partnership

Gold Vein
115 N 2 (82)
63°04′N, 140°55′W
1986, 1987

References: Sinclair et al (1976, p. 151-152); Morin (1977, p. 33-54); INAC (1986, p. 215)

Claims: REEF 1-10

Source: Summary by W.P. LeBarge of assessment report 091716 by I. Warrick and K. Robertson, with additional information supplied by I. Warrick and K. Robertson (personal communication, 1988).

History:

In 1974, the LORI claims were staked by M. Kenyon and purchased by Claymore Resources. Exploration in 1975 consisted of geophysical, geological and geochemical surveys, and eighteen diamond drill holes totalling 625 metres. No further work was done until 1983 when the REEF 1-4 claims were staked over a nearby quartz vein. In 1984 the LORI claims lapsed and the REEF 5-10 claims were staked in the same area. In 1987, the REEF claim group was increased in size to a total of 20 claims.

Description:

The area is underlain by granitic rocks of the Klotassin Batholith, which intrude schist and gneiss of uncertain age. A granodiorite pluton underlying the claim group is cut by milky-white quartz veins of variable thickness along northwest-trending joints dipping 20 to 40° east. Gold occurs in the veins as coarse grains up to 2 mm in size, and is commonly associated with sphalerite. Galena, arsenopyrite and boulangerite also occur as coarse-grained crystals and as streaky fine-grained bands within the quartz veins. Wallrock alteration is present in the form of pale green sericitized and silicified granodiorite with disseminated arsenopyrite.

Current Work and Results:

In 1986 the program consisted of camp construction, trench excavation, bulk sampling, geochemical surveys and pan sampling. Bulk samples were taken from quartz float, residual soils, auriferous quartz veins and wallrock, and were processed in a 5 tonne/day portable mill. Samples of the M vein, on which most of the testing was done, averaged 139.19 g/t Au.

In 1987, bulk sampling and bulldozer and backhoe trenching continued. Numerous parallel veins containing large amounts of visible gold were discovered across the claim group.

MM
L. Mollot

Silver Vein
115 N 15 (87)
63°59'N, 140°55'W
1987

References: INAC (1985, p. 266)

Claims: MM 1-18

Source: Summary of T. Bremner of assessment report 091988 by H.J. Keyser (Aurum Geological Consultants Inc.).

History:

The MM claims were staked in 1986 to cover a possible lode source for placer gold in Bedrock Creek and Sixtymile River.

Description:

An interpreted northwest-trending fault along Bedrock Creek separates hornblende-muscovite-garnet schist and granitic gneiss on the south side from quartzite on the north side.

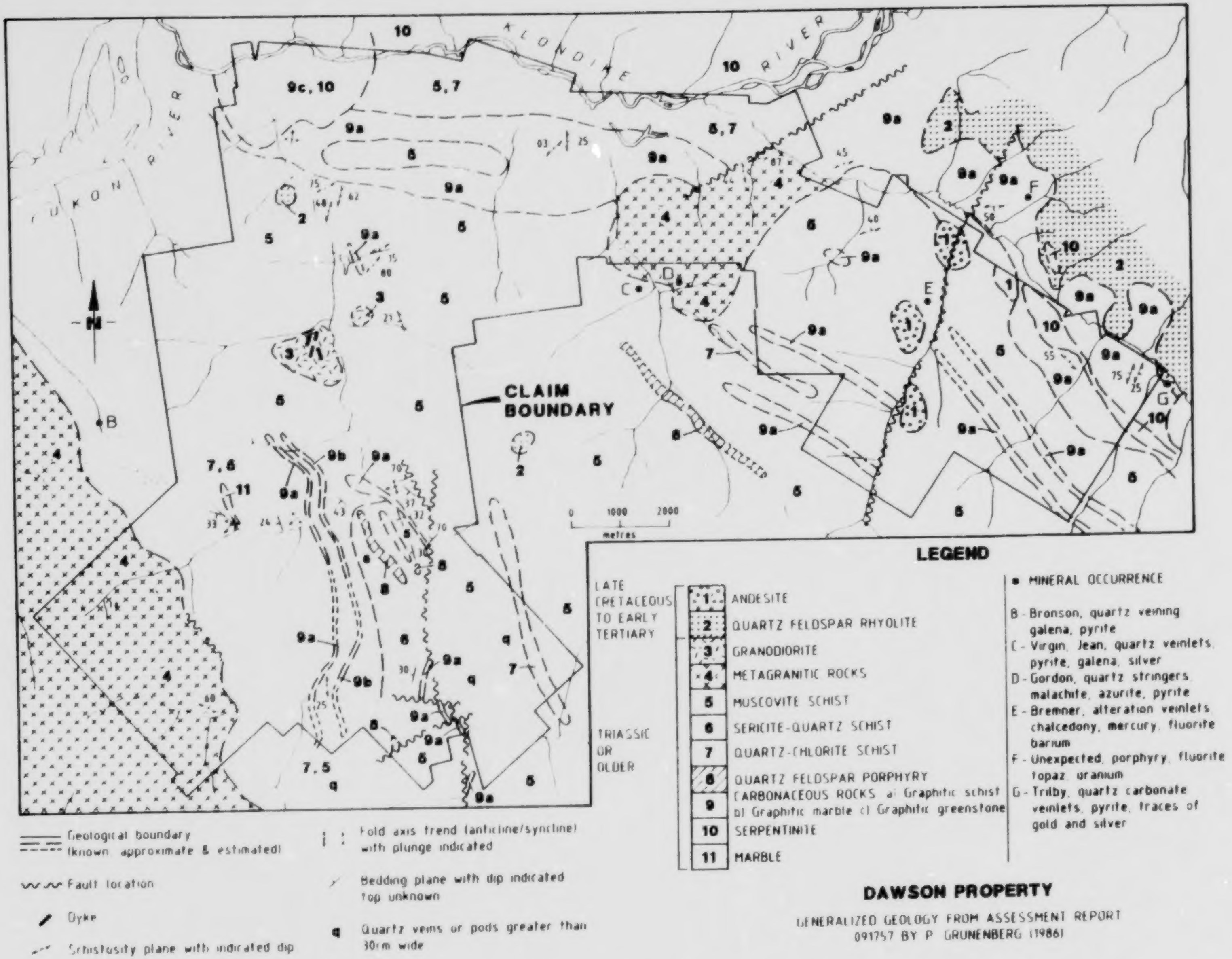
Current Work and Results:

Twenty soil samples and five rock samples were collected in 1987. A vuggy quartz-carbonate vein containing no visible sulphides outcrops near the south end of the property. The vein is one metre wide, strikes 140° and dips 38°S. A sample of the vein returned values of 310 ppb Au, 1060 ppm Ag and 1140 ppm Cu. A fire assay of the same sample returned 992.5 g/t Ag.

DAWSYND, DAWSON, HAWK
Dawson Syndicate

Work Target, Gold
Occurrence
115 O 14, 116 B 3 (90,91, 101)
63°59'N, 139°14'W
1986,1987

References: INAC (1987, p.372-373)


KLONDIKE RIVER
YUKON RIVER
N
CLAIM BOUNDARY
0 1000 2000
metres
LEGEND
LATE CRETACEOUS TO EARLY TERTIARY
TRIASSIC OR OLDER
1 ANDESITE
2 QUARTZ FELDSPAR RHYOLITE
3 GRANODIORITE
4 METAGRANITIC ROCKS
5 MUSCOVITE SCHIST
6 SERICITE-QUARTZ SCHIST
7 QUARTZ-CHLORITE SCHIST
8 QUARTZ FELDSPAR PORPHYRY
9 CARBONACEOUS ROCKS a) Graphitic schist b) Graphitic marble c) Graphitic greenstone
10 SERPENTINITE
11 MARBLE
● MINERAL OCCURRENCE
B - Bronson, quartz veining galena, pyrite
C - Virgin, Jean, quartz veinlets, pyrite, galena, silver
D - Gordon, quartz stringers malachite, azurite, pyrite
E - Bremner, alteration veinlets chalcedony, mercury, fluorite barium
F - Unexpected, porphyry, fluorite topaz, uranium
G - Trilby, quartz carbonate veinlets, pyrite, traces of gold and silver
Geological boundary (known, approximate & estimated)
Fault location
Dyke
Schistosity plane with indicated dip
Fold axis trend (anticline/syncline) with plunge indicated
Bedding plane with dip indicated top unknown
q Quartz veins or pods greater than 30m wide

DAWSON PROPERTY

GENERALIZED GEOLOGY FROM ASSESSMENT REPORT
091757 BY P. GRUNENBERG (1986)

Source: Summary by W.P. LeBarge of assessment reports 091757 by P. Grunenberg (Mark Management Ltd) and R. Gonzalez (Adder Exploration and Development Ltd); 091758, 091760 and 091981 by Z. Dvorak (Aerodat Ltd); and 091747, 091748, 091749, 091750, 091751, 091752, 091753 and 091754 by P.E. Walcott (Peter E. Walcott and Associates Ltd.).

Current Work and Results:

Between June 1986 and February 1987, exploration on the property consisted of airborne geophysical surveys, geological mapping and prospecting, rock chip and soil sampling, bulldozer trenching, magnetometer, IP and VLF-EM16 surveys and 3151 metres of diamond drilling.

The airborne geophysical surveys outlined many linear magnetic trends which appear to follow fault structures along valley floors. Several low-intensity conductive belts were also detected which may be graphite or disseminated sulphide mineralization in the Klondike Schist. Ground-based magnetic, IP and VLF-EM16 surveys further defined several of these anomalies. Subsequent drilling and geological investigation showed several negative magnetic anomalies are associated with reverse- polarized diabase dykes intruded along faults. Ultramafic rocks were often found under magnetic highs, while conductive anomalies are due to graphite horizons.

Soil sampling was done over five different grids in the area. These were located on the Sharon claims ("Sh" grid), the Moon claims ("Gal" grid), the Crazy and Lady claims ("C.L." grid), the Comet, Penibe, and Alpha claims ("SSc" grid), and the Comet and Penibe claims ("Com" line). All grids had moderately anomalous gold values, the highest of which was on the "Gal" grid with 130 ppb Au. Silver, arsenic, mercury, lead, zinc and copper were also found in anomalous quantities. The best silver value was 17.4 ppm, found on the "C.L." grid. A strong lead-zinc anomaly was found on the "Com" line, with a lead value of 2100 ppm and a zinc value of 264 ppm. High mercury and arsenic values were found on the "Sh" grid, with 110 ppb and 460 ppm respectively.

Trenching between Adams and Boulder Creeks exposed several quartz veins in quartz-muscovite schist. Varying quantities of pyrite, galena, and stibnite were found in the quartz, however precious metals were present in insignificant quantities.

Diamond drilling was concentrated in three major areas; the Klondike-Hunker Creek drainage, the Bonanza Creek drainage, and between Boulder and Adams Creeks on the "Plinc" Ridge.

Nine holes were drilled in the valleys of the Klondike River and Hunker Creek to intersect and sample a fault zone. Four of these holes intersected sheared, fractured, muscovite and chlorite schist with graphitic interlayers and low gold values. Near Hester Creek a hydrothermal alteration zone was the target of three holes which intersected 30 metres of limonitic clay with fragments of unaltered bedrock. Sandstone unconformably overlying graphitic schist was also encountered as well as magnetite-bearing peridotite and serpentinite.

In the Bonanza Creek drainage, thirteen diamond drill holes were drilled along a fault structure extending from the mouth of French Gulch to a point upstream of the former site of Grand Forks. Sheared, fractured graphitic schist interlayered with muscovite schist has been commonly intruded by magnetite-bearing diabase dykes and quartz-feldspar porphyry dykes. Insignificant gold values were obtained but arsenic ranged as high as 2380 ppm.

On the "Plinc" Ridge, five holes were drilled in chlorite-quartz-muscovite schist. No significant gold values were encountered, but all holes were anomalous in copper, silver, lead and zinc. Values up to 10 000 ppm Cu, 10 000 ppm Zn, 92 ppm Ag and 474 ppm Pb were recorded.

BTTA	**Work Target**
Doron Exploration Inc.	115 O 10 (118)
	63°42'N, 138°42'W
	1987

References: INAC (1986, p. 369, 371)

Claims: BTTA 1-32

Source: Summary by T. Bremner of assessment report 092079 by B. Lueck.

History:

The BTTA claims were staked in 1986 to cover a gold showing on the divide between Sulphur and Gold Run Creeks which was reported in a 1901 newspaper article.

Description:

The property is underlain by quartz feldspathic gneiss, chlorite schist with quartz lenses, and coarse-grained amphibolite.

Current Work and Results:

Seventy-four soil and rock samples taken along the ridge crest in 1987 were analysed for 34 elements. Although the historic vein was not found, abundant quartz float was observed along the ridge crest. A piece of chlorite-feldspar schist from the south edge of the claims contained 547 ppb Au and 8 ppm Ag.

7. SANTA

B. Sauer, G. Smith, S. Dudka
115 N 10
63°32′N, 140°35′W

Claims: NORA 1-16

14. PER

Klondike Gold Mining Corp
115 N 15
64°00′N, 140°49′W

Claims: COJO 1-4

16. FIFTY

Croesus Resources Inc.
115 N 15
63°54′N, 140°39′W

Claims: TONY 1-10

28. KENTUCKY LODE

T. Peever
115 O 10
63°44′N, 138°44′W

Claims: KENTUCKY 1-16

31. DOMINION

United Keno Hill Mines Ltd
115 O 15
63°48′N, 138°47′W

Claims: KIN 1-8, 10, 12-30, 35-232

35. FAWCETT

Archer, Cathro and Associates
(1981) Ltd
115 O 15
63°55′N, 138°56′W

Claims: LAW 13-18

61. MT. BRONSON

Cominco Ltd
115 O 14
63°59′N, 139°29′W

Claims: BRO 1-50

73. PYROXENE

B. Lueck
115 O 1
63°01.5′N, 138°19′W

Claims: BTT 33-132

73. PYROXENE

J. Butterworth
115 O 1, 115 J 15, 16
63°00′N, 138°28′W

Claims: TOG 1-12

73. PYROXENE

F. Paulkner, F. Spencer
115 J 15
63°00′N, 138°33′W

Claims: WINE 49-57, RESORE 1-38

73. PYROXENE

R. McPhee, W. Genge, I. Anderson,
W. Butterworth
115 O 1
63°01-3.5′N, 138°23-28′W

Claims: IRISH 1-150; KIPS 1-102;
REST 1-104, MCFISH 1-30
FISH 31-94, TOG 1-12

78. ORO

W. Dawson
115 O 14
63°52′N, 139°07′W

Claims: TOM 1-64

79. LODE

G. Hartley, R. Jury
115 N 2
63°02'N, 137°58'W

Claims: RAN 1-4

81. GIT

G. Hartley, G. Almberg
115 N 2
63°02'N, 140°57'W

Claims: WELL 1-6, WINE 1-8, WON 1-7

82. REEF

K. Robertson
115 N 2
63°03'N, 140°56'W

Claims: REEF 11-15

91. DAWSON

W. Dawson, S. Tomlinson
115 O 14
63°57.5'N, 139°10'W

Claims: WITH 1-40

100. ANN

D. Waugh
115 O 11
63°43'N, 139°08'W

Claims: KEY 13, 15 39FR; KEY 40-123

113. FAWCETT WEST

W. Gaven
115 O 15
63°55'N, 138°58'W

Claims: WHO 1-8

114. HAREM

K. Wistey
115 O 14
63°47'N, 139°04'W

Claims: JAN; NANCY; BONNIE; CONNIE

121. ALPHONSE

B. Hakansson
115 O 15
63°53'N, 138°58'W

Claims: BH 1-8

121. ALPHONSE

R. McPhee
115 O 15
63°54'N, 138°57'W

Claims: VIEW 1-13, 15-18

131. JILL

B. Sauer, G. Smith, S. Dudka
115 N 10
63°40'N, 140°44'W

Claims: JILL 1-24

132. CAPE

B. Sauer, G. Smith, S, Dudka
115 N 10
63°42'N, 140°37'W

Claims: JILL 1-24

133. AJM

J. McFaull
115 O 10
63°36.5'N, 138°51.5'W

Claims: AJM 1-4

137. J.A.E.

J.A.E. Resources Ltd
115 O 15
63°53′N, 138°55′W

Claims: J.A.E. 1-27

138. KEVIN

R. Wondga, T. Peever
115 O 2
63°01′N, 138°34′W

Claims: KEVIN 1-2

139. PORKY

M. Fletcher
115 O 7
63°17′N, 138°33′W

Claims: PORKY

134. CHI

F. Dorward
115 O 7, 10
63°30′N, 138°51′W

Claims: CHI 1-16

135. HOPE

R. McPhee
115 O 14
63°56′N, 139°10′W

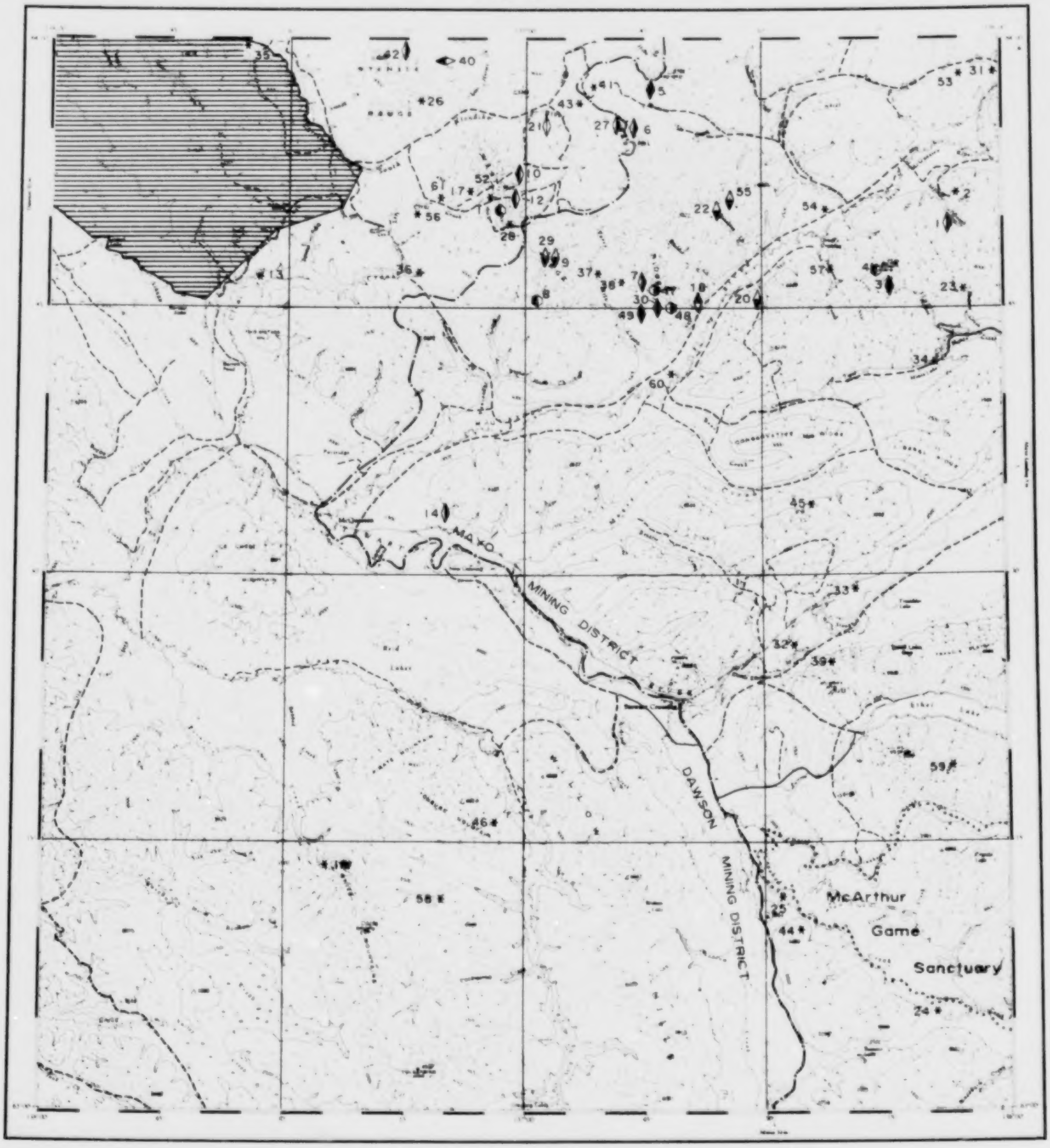
Claims: HOPE 1-16

136. FOX

G.C. Lee
115 O 14
63°48′N, 139°12′W

Claims: FOX 1-50

115 P


MAYO MINING DISTRICT
DAWSON MINING DISTRICT
McArthur Game Sanctuary
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McQUESTEN
YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

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Kilometres

- - - - - - Tote Trail
——— Driveable Road
■ A Airstrip

MCQUESTEN MAP-AREA (NTS 115 P)

General Reference: GSC Map 1143A by H.S. Bostock, 1942.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	JAYBEE	Vein Ag Pb	115 P 16	7	
2	SEATTLE	Work Target	115 P 16	9	Green and Godwin (1964, p. 16)
3	HAWTHORNE	Vein Sb Pb Ag Au	115 P 16	7	Bostock (1941, p. 33-34); Green (1966, p. 20-21); This Report
4	SCHEELITE DOME	Skarn W Au	115 P 16	6	INAC (1983, p. 215); Emond (1986)
5	HOBO	Vein Au Ag	115 P 15	7	INAC (1981, p. 227)
6	SPRAGUE	Vein Ag Pb	115 P 15	7	Bostock (1948, p. 11)
7	TEE	Breccia, Vein Ag Pb Zn Au	115 P 15	7	INAC (1983, p. 215-216); Emond (1986)
8	LUGDUSH	Skarn W	115 P 15	6	INAC (1983, p. 215-216) Emond (1986)
9	RIDGE	Stockwork Sn	115 P 15	7	INAC (1981, p. 278); Emond (1986)
10	JOSEPHINE	Vein Au	115 P 14, 15	7	INAC (1983, p. 215-216); Emond (1986)
11	RHOSGOBEL	Skarn W, Sheeted Veins W	115 P 14	7	INAC (1983, p. 215-216); Emond (1986)
12	PUKELMAN	Sheeted Vein W Mo Au	115 P 14	7	INAC (1983, p. 215-216); Emond (1986)
13	CLEAR CREEK	Work Target	115 P 13	7	Lang (1951, p. 14)
14	MOOSE RIDGE	Vein Ag Pb Fe	115 P 11	7	
15	ROSEBUD	Work Target	115 P 3	9	Bostock (1948, p. 12)
16	SETHER	Deleted: no information			
17	LEWIS	Work Target	115 P 14	7	INAC (1983, p. 215-216)
18	BOULDER	Vein Cu	115 P 15	7	Bostock (1948, p. 11)
19	TOTH	Deleted: no information			
20	OLIVER CREEK (EPD)	Breccia/Vein Sn Ag Zn, Skarn Sn	115 P 15	5	INAC (1983, p. 215, 217); Emond (1983; 1985; 1986);
21	MOZI	Breccia/Vein Pb Zn Cu Mo	115 P 15	7	INAC (1981, p. 279)
22	SUNSHINE CREEK WEST (SP)	Vein/Breccia Sn Ag	115 P 15	6	INAC (1983, p. 215, 217); Emond (1986)
23	BEN	Work Target	115 P 16	9	INAC (1981, p. 279-280)
24	WOODBURN	Work Target	115 P 1	9	INAC (1981, p. 280)
25	CROOKED	Work Target	115 P 1	9	INAC (1981, p. 280)
26	FIONA	Work Target	115 P 14	9	INAC (1982, p. 229)
27	MAHTIN	Breccia/Vein Ag, Skarn Au	115 P 15	7	INAC (1982, p. 229-230); Emond (1986)
28	JUBJUB	Work Target	115 P 14	9	INAC (1982, p. 228)
29	JABBERWOCK	Vein Sn Ag	115 P 15	7	INAC (1982, p. 230); Emond (1986)
30	MAY CREEK (ORE)	Vein Ag Pb Zn	115 P 15	6	Morin et al (1980, p. 23);
31	SECRET CREEK	Work Target	115 P 16	9	Morin et al (1980, p. 23)
32	WINSLOW	Work Target	115 P 8	9	INAC (1982, p. 231)
33	PAN	Work Target	115 P 8	9	INAC (1982, p. 231)
34	SAVY	Work Target	115 P 9	9	INAC (1982, p. 231)
35	ACE	Work Target	115 P 13	9	INAC (1983, p. 215, 217)
36	MARY	Work Target	115 P 14	9	INAC (1983, p. 215-216)
37	BANDER	Work Target	115 P 15	9	INAC (1982, p. 230)
38	SNATCH	Work Target	115 P 15	9	INAC (1982, p. 231)
39	LJB	Work Target	115 P 8	9	INAC (1983, p. 215, 217);
40	OMEGA	Stratabound Barite	115 P 14	2	INAC (1987, p. 380-381)
41	NIC	Work Target	115 P 15	9	INAC (1985, p. 270)
42	ZETA	Vein Ag Sn	115 P 14	7	INAC (1987, p. 381)
43	TAT	Work Target	115 P 15	9	INAC (1985, p. 270)
44	MEGALAURUS	Work Target	115 P 1	9	INAC (1985, p. 270; 1986, p. 222)
45	BILL	Work Target	115 P 9	9	INAC (1987, p. 384)
46	PIRATE	Work Target	115 P 6	9	INAC (1987, p. 382)
47	SNARK	Skarn Sn W Cu Zn Au Ag	115 P 15	7	INAC (1982, p. 227-228); Emond (1986)
48	EAST RIDGE	Skarn Sn	115 P 15	7	INAC (1982, p. 227-228) Emond (1986)
49	QUEST	Vein Au Ag Pb Zn	115 P 15	6	INAC (1987, p. 383); This Report
50	SILVER	Deleted: same as #49 QUEST			
51	GOLD	Deleted: same as #49 QUEST			
52	REMP	Work Target	115 P 14	9	INAC (1987, p. 384)
53	SWEDE	Work Target	115 P 16	9	INAC (1987, p. 384)
54	SAND	Work Target	115 P 16	9	INAC (1987, p. 384)
55	SUNSHINE CREEK EAST (SP)	Vein/Breccia Sn Ag	115 P 15	7	INAC (1983, p. 215, 217); Emond (1986); This Report
56	BARNEY	Work Target	115 P 14	9	INAC (1983, p. 215-216); Emond (1986)
57	PAW	Work Target	115 P 16	9	This Report
58	TOP	Work Target	115 P 3	9	This Report
59	JOY	Work Target	115 P 8	9	This Report
60	PENTICTON	Work Target	115 P 10	9	This Report
61	SLEET	Work Target	115 P 14	9	This Report

HAWTHORNE
R. Riepe

Antimony, Lead, Silver, Gold
Vein
115 P 16 (3)
63°45'N, 136°15'W
1986

References: Green (1966, p. 20-21)

Claims: GANT 1-34

Source: Summary by W.P. LeBarge of assessment report 091723 by L.B. Goldsmith and P. Kallock (Arctex Engineering Services).

History:

Placer mining began in the area of Highet Creek soon after the gold rush in 1898, and has continued to the present day. The search for the source of placer gold and tin led to the discovery of tin, silver, tungsten and antimony veins in the Scheelite Dome area in the early 1900's. Development work has been intermittent although the area has been held under claims continuously for long periods of time. The present owner acquired the GANT claims in 1986.

Description:

The Scheelite Dome area is underlain mainly by Upper Precambrian to Lower Cambrian metasedimentary rocks of the Grit Unit. Ordovician metasedimentary rocks and Cretaceous volcanic rocks have subsequently been thrust over the Grit Unit. The area was later intruded by Cretaceous intrusions of acid to intermediate composition. Interbedded brownish quartz-mica schist and quartzite, the main rock types found on the property, host several vein occurrences of antimony and silver.

Current Work and Results:

The 1986 program consisted of a soil geochemical survey in which 200 samples were collected and analysed for 30 elements. Several zones were anomalous in metals including one area which returned values of 1920 ppb Au, 23.6 ppm Ag, 7549 ppm Sb and 13 033 ppm As.

QUEST
Silverquest Resources Ltd

Gold, Silver, Lead, Zinc Vein
115 P 15 (49)
63°46'N, 136°45'W
1987

References: D.I.A.N.D. (1987, p. 383)

Claims: QUEST 1-21F; SILVER 1-24; AMINO 1-27; BOLD 1-25

Source: Summary by T. Bremner of assessment report 092098 by W.D. Eaton (Archer, Cathro and Associates (1981) Ltd).

Description:

Three types of mineralization occur in Paleozoic sedimentary rocks intruded by dykes and stocks of Cretaceous granite. The mineralization appears to be zoned around granitic intrusions on the east edge of the property. Skarn at the intrusive contact contains sphalerite, magnetite, pyrite and chalcopyrite with occasional high values of tin, gold and silver. Quartz-carbonate veins extending up to 500 m beyond the limit of the skarn host galena, sphalerite, pyrite, minor arsenopyrite, chalcopyrite and tetrahedrite with consistently high levels of silver and moderate to high levels of gold. Peripheral to the halo of silver and gold-bearing quartz-carbonate veins are internally oxidized siderite veins with consistently high levels of silver but low levels of gold.

Current Work and Results:

In 1987, soil samples were taken over a 2800 by 2200 m grid covering the central part of the property. Stripping was done at 24 sites, and where permafrost conditions allowed, bedrock was exposed in 19 of the trenches. Ninety-nine chip samples and rock specimens from completed trenches were assayed for silver, gold and lead. Soil samples were taken in the trenches which did not reach bedrock.

Soil sampling defined seven multi-element anomalies up to 1100 m long and 200 m wide. Values up to 94 ppm Ag, 355 ppb Au, 2060 ppm Pb, 965 ppm As and in excess of 10 000 ppm Zn and Cu were obtained. Most of the anomalies are linear, located along or downhill of north to northeast-trending airphoto lineaments and are believed to be derived from veins. Soil geochemical results and rock assays indicate that the vein system is chemically zoned, with the lowest silver to lead ratios (34 g/t Ag:1% Pb) in and adjacent to the intrusions and the highest ratios (685 g/t Ag:1% Pb to 1714.2 g/t Ag:1% Pb) on the western flanks of the system.

Bulldozer trenching exposed at least six vein faults 0.5 to 6 m wide. The faults are characterized by brecciated wallrock, bands of gouge, limonitic fractures and massive siderite lenses containing sulphides or limonite pseudomorphs after sulphides. The best mineralization was recorded where the faults cut quartzite beds.

Weakly mineralized shears assayed between 34.3 and 171.4 g/t Ag, while higher-grade siderite lenses returned up to 11 382 g/t Ag. Gold values were generally low, but individual specimens assayed up to 11.7 g/t Au. A chip sample of the AMINO vein on the west side of the property assayed 217.4 g/t Ag across 6.40 m including 2302.9 g/t Ag across 0.4 m.

Prospecting on the relatively unexplored skarn zone turned up widespread sphalerite and copper-bearing float assaying up to 6.05% Zn, 1.05% Cu, 0.43% Sn and 2.1 g/t Au.

3. HAWTHORNE

R. Riepe
115 P 16
63°46'N, 136°12.5'W

Claims: ADE 1-10

25. CROOKED

J. Carson
115 P 1
63°12'N, 136°28'W

Claims: FIRE DEVIL 1-8,
FIRESTONE 17-24

30. MAY CREEK (ORE)

Archer, Cathro and Associates
(1981) Ltd
115 P 10, 15
63°45'N, 136°43'W

Claims: BOND 1-25

38. SNATCH

Archer, Cathro and Associates
(1981) Ltd
115 P 15
63°47'N, 136°47'W

Claims: AMINO 1-27

52. REMP

R. Robertson, K. McCrory
115 P 14
63°52'N, 137°05'W

Claims: RUM 1-90

56. BARNEY

H. Herbertz
115 P 14
63°50'N, 137°12.5'W

Claims: B.H.W. 1-12

57. PAW

C. Klippert
115 P 16
63°47'N, 136°21.5'W

Claims: PAW 1-4

59. JOY

J. O'Neill
115 P 8
63°19'N, 136°07'W

Claims: JOY 1-21

60. PENTICTON

J. Strebchuk
115 P 10
60°41'N, 136°42'W

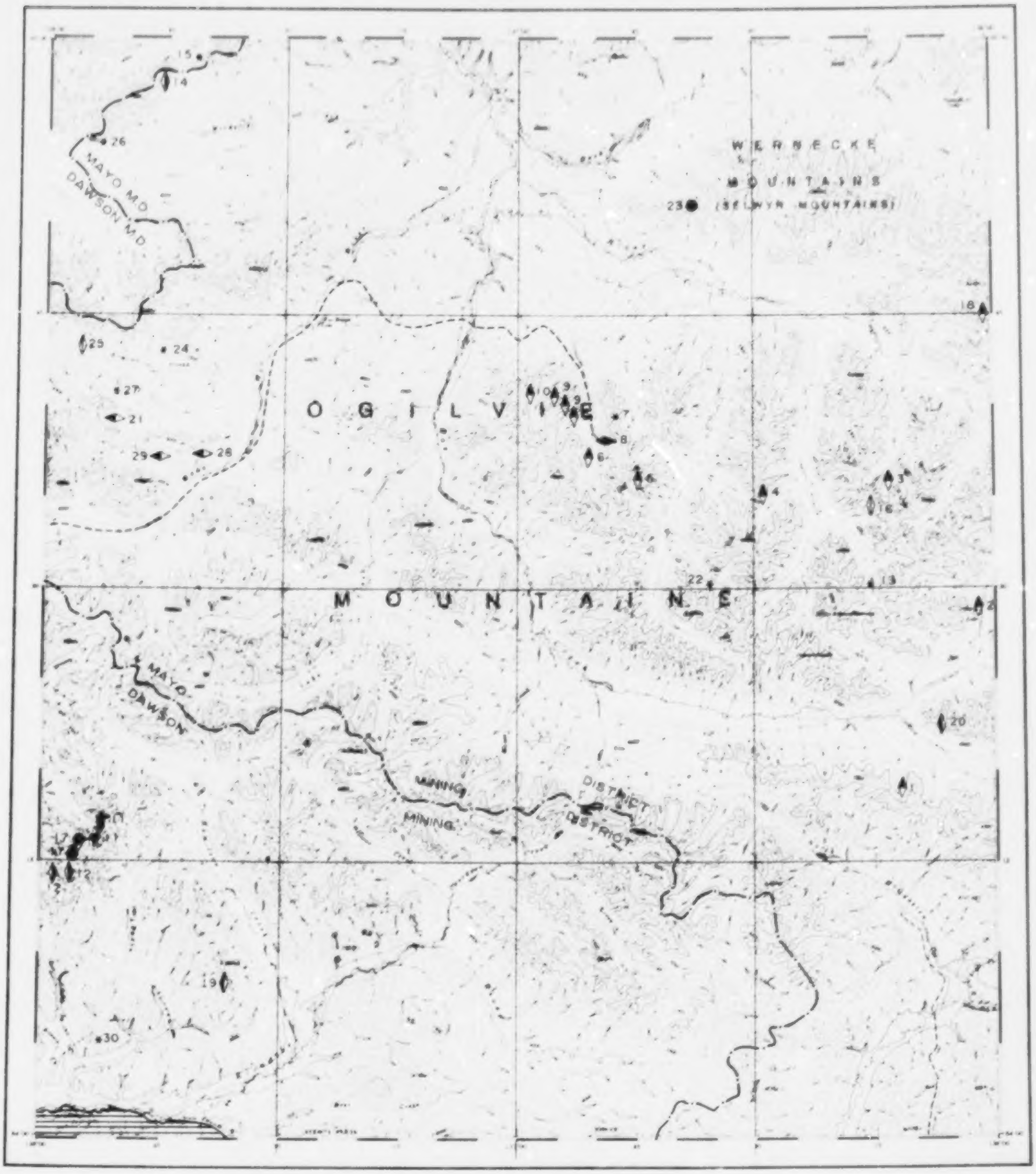
Claims: PENTICTON 1

61. SLEET

J. Muir, N. Harper
115 P 14
63°51'N, 137°10'W

Claims: SLEET 7-24, 33-59,
61, 63-84, 87-110

116 A



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MAYO M.D.
DAWSON M.D.
WERNECKE
MOUNTAINS
23
(SELWYN MOUNTAINS)
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OGILVIE
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MOUNTAINS
MAYO
DAWSON
MINING
DISTRICT
MINING
DISTRICT
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LARSEN CREEK
YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

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Kilometres

- - - - - - Tote Trail
——— Driveable Road
▬ A Airstrip

LARSEN CREEK MAP-AREA (NTS 116 A)

General References: GSC Map 1283A and Memoir 364 by L.H. Green, 1972;
GSC Geochem Open File 519 and 418.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	TIMBERWOLF	Vein Cu	116 A 8	7	
2	WORM	Vein Cu	116 A 8	7	
3	RAMA	Vein Cu Ag Pb	116 A 9	7	
4	MATTSON	Vein Cu	116 A 9	7	
5	SOUP	Vein Cu	116 A 10	7	
6	REINDEER	Vein Cu Pb	116 A 10	7	
7	GRACE	Work Target	116 A 10	9	Craig and Laporte (1972, p. 26-27)
8	HART RIVER	Stratabound Concordant Pb Zn Cu Au Ag	116 A 10	2	Morin (in Morin et al, 1979, p. 22-24); INAC (1983, p. 219, 221; 1986, p. 225)
9	BELCARRA	Vein Cu Pb Zn	116 A 10	6	This Report
10	ZEBRA	Vein Cu	116 A 10	7	Craig and Laporte (1972, p. 23-24); Green (1972, p. 140)
11	HAMILTON (MIKE)	Vein Au Cu Ag Bi Co	116 A 5	7	INAC (1983, p. 219)
12	RIMROCK	Vein Ag	116 A 4	6	INAC (1982, p. 233)
13	AUSTON	Work Target	116 A 9	9	Green (1972, p. 140)
14	HOT	Vein Pb Zn Ag	116 A 13	7	Sinclair et al (1976, p. 82)
15	MICHELLE	Work Target	116 A 13	9	Sinclair et al (1975, p. 71)
16	BRUK (VUG)	Vein Pb Zn	116 A 9	7	Sinclair et al (1976, p. 74)
17	PHILP	Skarn Cu Au Ag	116 A 5	7	
18	DALE	Vein Cu	116 A 16, 9	7	INAC (1982, p. 233); INAC (1983, p. 219-220)
19	IDA	Stockwork or Disseminated Au	116 A 4	7	INAC (1982, p. 234)
20	STROKER	Vein Au	116 A 8	7	INAC (1982, p. 234)
21	ST. BRIDGET	Stratabound Concordant Ba	116 A 12	7	INAC (1983, p. 219-220)
22	SUMI	Work Target	116 A 7, 10	9	Morin et al (1977, p 135)
23	WERN	Skarn Cu Fe	116 A 15	7	Morin et al (1977, p. 135-136)
24	TIM	Work Target	116 A 12	9	Morin et al (1979, p. 50)
25	SHAY	Vein Pb Zn Cu	116 A 12	7	Morin et al (1979, p. 50)
26	LEP	Work Target	116 A 13	9	Morin et al (1979, p. 50)
27	LOMOND CREEK	Work Target	116 A 12	9	Morin et al (1979, p. 49)
28	BOYLE	Stratabound Concordant Ba	116 A 12	7	INAC (1983, p. 219-220)
29	MILK UM	Stratabound Concordant Ba	116 A 12	7	INAC (1983, p. 219-221)
30	AUS	Work Target	116 A 4	9	This Report

BELCARRA
Asbestos Corp. (Explorations) Ltd

Copper, Lead, Zinc Vein
116 A 10 (9)
64°40'N, 136°55'W
1956

References: No previous reference

Claims: RAE 1-9; HOFFMAN 1-24; COPPER 1-8; CHALCO 1-8

Source: Summary by T. Bremner of assessment report 091766 by P.M. Kavanagh.

Description:

Limestone, slate, dolomite and quartzite of Lower and Middle Devonian age are intruded by several diorite sills. The main sill is 300-450 m thick and is offset by several faults. Calcite veins and stringers within the fault zone host chalcopyrite and bornite. Copper mineralization also occurs in fractures within the diorite and along the diorite-sedimentary rock contacts.

Three showings are known. The original RAE showing consists of a 1.8 m wide calcite vein assaying 17% Cu over 1.2 m which is also reported to contain silver values.

Current Work and Results:

In 1953, the three showings were explored by hand pitting and blast trenching. The original RAE showing consists of a 1.8 m calcite vein assaying 17% Cu over 1.2 m. Silver values are also present. Five pits were excavated to bedrock along a 182.9 m extension of the vein. All pits encountered the 1.8 m wide vein but uncovered only minor amounts of chalcopyrite and bornite.

The MCKAMEY showing consists of a 1.1 m thick lens of chalcopyrite at the faulted contact between diorite and slate. Trenching indicated the mineralized zone is small. About 100 m south of the main MCKAMEY showing copper occurs along major joints in the diorite, but several deep trenches across the fault zone in that area failed to reach bedrock.

The third showing is a chalcopyrite lens 4.6 m long and 0.5 m wide exposed on the west side of Rae Creek.

19. IDA

Noranda Exploration Co. Ltd
116 A 4
64°05'N, 137°52'W

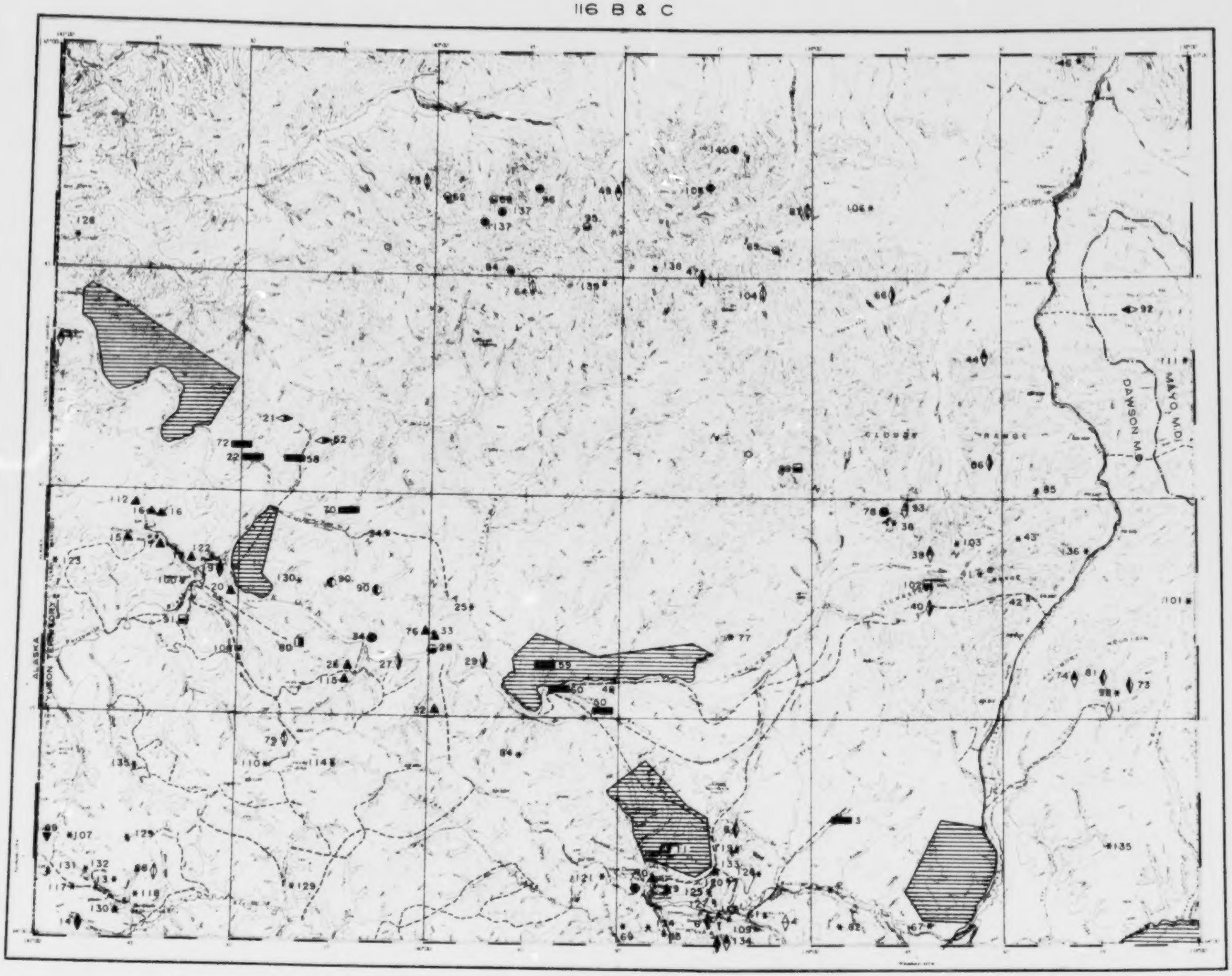
Claims: IDA 1-20, 21F-23F

30. AUS

G. Clark
116 A 4
64°05.5'N, 137°52'W

Claims: AUS 1-32

116 B & C


MAYO M.D.
DAWSON M.D.
ALASKA
YUKON TERRITORY

DAWSON
YUKON TERRITORY

▨ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

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Kilometres

------ Tote Trail
—— Driveable Road
▬▲ Airstrip

DAWSON MAP-AREA (NTS 116 B-C)

General References: GSC Map 1284A and Memoir 364 by L.H. Green, 1972;
DIAND Open File (115 O 9, 10, 11, 14, 15, 16 and 116 B 2, 3) by R.L. Debicki, 1984 and 1985;
GSC Geochem Open File 520 and 418.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	INDEX	Vein Sb	116 B 8	7	Green (1972, p. 42)
2	GERMAINE	Work Target	116 B 2	9	INAC (1987, p. 391)
3	COLLIERY	Coal	116 B 2	7	Bostock (1938, p. 13-14); Green (1972, p. 27); Dowling (1915)
4	UNEXPECTED	Stockwork U Sn	116 B 3	7	INAC (1982, p. 238)
5	VIRGIN, JEAN	Vein Au Ag	116 B 3	7	MacLean (1914, p. 41-49); INAC (1985, p. 277); INAC (1986, p. 233); This Report
6	MACLEAN	Vein Au	116 B 3	7	Debicki (1984); INAC (1986, p. 230)
7	BOYLE	Deleted: no information			
8	LEPINE	Vein Au	116 B 3	7	INAC (1986, p. 232) This Report
9	FIBRE	Asbestos	116 B 3	7	Debicki (1984); INAC (1986, p. 238)
10	MIDNIGHT DOME	Asbestos	116 B 3	7	Debicki (1984); INAC (1986, p. 238)
11	BROAD-LEDGE	Work Target	116 B 3	9	Brock (1910, p. 15)
12	WEST DAWSON	Skarn, Vein Cu Pb Ag	116 B 3	7	Debicki (1984)
13	HUNGRY	Work Target	116 C 2	9	Cockfield (1921, p. 52)
14	MILLER	Vein Ag Pb Zn Au	116 C 2	7	INAC (1987, p. 392)
15	SPHERE	Asbestos	116 C 7	7	INAC (1983, p. 223-224)
16	FOXY	Asbestos	116 C 7	7	Green (1964, p. 27); INAC (1985, p. 280)
17	CLINTON CREEK	Asbestos	116 C 7	3	INAC (1985, p. 278); Budinski (1984)
18	ACHERON (RG)	Asbestos	116 C 7	7	Morin et al (1977, p. 144)
19	CONE HILL	Vein Ag Pb Au	116 C 7	7	INAC (1981, p. 242)
20	MICKEY CREEK	Asbestos	116 C 7	7	
21	SHEEL CREEK	Stratabound Concordant Fe	116 C 9	6	Gross (1969, p. 111)
22	CLIFF	Coal	116 C 9	7	McConnell (1904, p. 39-41)
24	SOURDOUGH MINE	Work Target	116 C 8	9	McConnell (1904); Green (1972, p. 146)
25	FIF	Work Target	116 B 5	9	McConnell (1903b, p. 39-41)
26	CALEY	Asbestos	116 C 8	2	Green (1965, p. 27-28)
27	SUBMARINE	Vein, Stratabound Discordant Ag Pb Zn (Cu)	116 C 8	7	Cockfield (1928a, p. 9)
28	ROAL	Skarn Zn Pb (Ag Sn)	116 B 5	7	Cockfield (1929a, p. 9)
29	SILVER CITY	Vein Ag Pb Sb	116 B 5	4	INAC (1987, p. 393-394)
30	OGILVIE	Deleted: no information			
31	KEYSTONE	Work Target	116 B 5	9	This Report
32	ASS	Asbestos	116 B 5	7	
33	WOODCHOPPER	Asbestos	116 B 5	7	INAC (1982, p. 238-239, 242)
34	ETHELDA	Skarn Cu	116 C 8	7	
35	HAY MEADOW	Deleted: no information			
36	JECKELL	Deleted: no information			
37	SNYDER	Deleted: no information			
38	FIREWEED	Work Target	116 B 7	9	Tempelman-Kluit (1965, p. 36)
39	GRAVE	Vein Cu	116 B 7	7	INAC (1981, p. 285)
40	SPOTTED FAWN	Vein Ag Pb Zn	116 B 7	7	Cockfield (1919b, p. 15-17); Green (1972, p. 137-138); Sinclair et al (1975, p. 73-74)
41	SUBTRACT	Work Target	116 B 7	9	INAC (1981, p. 285)
42	ROBERT SERVICE	Work Target	116 B 8	9	Tempelman-Kluit (1965, p. 36)
43	MULTIPLY	Work Target	115 B 8	9	Tempelman-Kluit (1965, p. 36); INAC (1986, p. 239)
44	CRAWFORD	Vein Cu	116 B 10	7	
46	CHAPMAN	Work Target	116 B 16	9	Green (1972, p. 138); Sinclair et al (1975, p. 76)
47	FIFTEEN MILE	Vein? Wernecke Breccia? Cu Ag	116 B 14, 11	7	
48	CHANDINDU	Work Target	116 B 5	9	McConnell (1903b, p. 39-41)
49	SHAND	Wernecke Breccia Cu	116 B 13	7	Morin et al (1977, p. 144)
50	JEROME	Coal	116 B 5	7	
51	PAULA	Vein Cu	116 C 10	7	Owen (1968, p. 8)
52	KRAUSE	Stratabound Concordant Fe	116 C 9	7	
53	MASTADON	Deleted: no information			
54	RISCO	Deleted: no information			
55	WINAGE	Deleted: no information			
56	HEALY	Deleted: no information			
57	LAWRENCE	Deleted: no information			
58	LEDUC	Coal	116 C 9	7	
59	BARETTE	Coal	116 B 5	7	
60	THANE	Coal	116 B 5	7	
61	HATTIE	Work Target	116 B 3	7	MacLean (1914, p. 124-125)
62	MONSTER (OG)	Wernecke Breccia Pb Zn	116 B 13	7	Sinclair et al (1976, p. 88)
63	TART	Wernecke Breccia Pb Zn	116 B 13	7	
64	OZ	Vein, replacement Pb Zn	116 B 12	7	INAC (1987, p. 394)
65	SEELA	Wernecke Breccia Pb Zn	116 B 14	7	
66	KIWI	Vein Pb Zn Ag	116 B 10, 15	5	INAC (1987, p. 394-395)

67 MORRISON	Work Target	116 B 2	9	G.S.C. Map 711A (1942)
68 LOWNEY	Deleted: no information			
69 HALIFAX	Work Target	116 B 3	9	INAC (1981, p. 293)
70 CHAIN	Coal	116 C 8	7	
71 HALE	Deleted: no information			
72 JEPHSON	Coal	116 C 9	7	
73 O'BRIEN (A.J.)	Vein Au	116 B 8	6	INAC (1986, p. 235)
74 SANDOW	Vein Cu	116 B 8	7	Green (1972, p. 142)
75 UGLY	Wernecke Breccia? Vein? Zn Pb	116 C 16	7	
76 TJOP	Asbestos	116 C 8	7	INAC (1983, p. 223-225)
77 STYX	Work Target	116 B 6	9	INAC (1982, p. 239); This Report
78 MARN	Skarn Cu Au W	116 B 7	2	Brown (1985); Brown and Nesbitt (1987); Anderson (1987); INAC (1987, p. 396)
79 CLIP	Vein Pb Zn	116 C 1	7	INAC (1981, p. 288)
80 PLUTO	Porphyry Mo W	116 C 8	7	INAC (1983, p. 223, 225)
81 THOR	Vein Au Cu	116 B 8	7	INAC (1981, p. 289-291; 1986, p. 239); Anderson (1987)
82 ETC	Work Target	116 B 2	9	INAC (1981, p. 293)
83 FROGGY	Work Target	116 B 3	9	INAC (1981, p. 293)
84 FRESNO	Work Target	116 B 4	9	INAC (1981, p. 293)
85 RIKI	Work Target	116 B 9	9	INAC (1982, p. 240)
86 TAK	Vein Pb Ag	116 B 10	7	INAC (1986, p. 236);
87 KITL	Vein Pb Zn	116 B 15, 14	7	INAC (1982, p. 240)
88 GUCH	Vein Pb	116 C 2	7	INAC (1982, p. 241)
89 BALDY	Stratabound Discordant Pb Zn Cu	116 C 2	7	INAC (1981, p. 292)
90 RAIL	Skarn W	116 C 8	7	INAC (1985, p. 279-280)
91 MAIDEN (TING)	Granite-Associated U	116 C 7	7	INAC (1981, p. 292)
92 REIN	Stratabound Concordant Ba	116 B 9	7	INAC (1981, p. 292)
93 NEBULOUS	Breccia U	116 B 7	7	INAC (1981, p. 293)
94 DEM	Wernecke Breccia Pb Zn	116 B 13	9	Sinclair et al (1976, p. 85)
95 OD	Wernecke Breccia Pb Zn	116 B 13	9	Sinclair et al (1976, p. 86)
96 ID	Wernecke Breccia Cu	116 B 13	7	Sinclair et al (1976, p. 87)
97 KIMI (KIM)	Deleted: same as #65 SEELA			
98 MONY	Work Target	116 B 8	9	Morin et al (1977, p. 142)
99 GULCH	Granite-Associated U	116 B 11	7	Morin et al (1977, p. 143)
100 ROSE (RG)	Work Target	116 C 7	9	INAC (1982, p. 242)
101 HOT	Work Target	116 B 8	9	Morin et al (1979, p. 53)
102 TETA	Granite-Associated U	116 B 7	7	Morin et al (1979, p. 54)
103 SUMTING	Work Target	116 B 7	9	Morin et al (1979, p. 54)
104 BRX	Vein? Wernecke Breccia? Pb Zn	116 B 11	7	Morin et al (1979, p. 55)
105 ROB	Wernecke Breccia? Cu	116 B 14	7	Morin et al (1979, p. 56)
106 DAWG	Work Target	116 B 15	9	Morin et al (1979, p. 56)
107 PUB	Work Target	116 C 2	9	Morin et al (1980, p. 29)
108 MICKEY	Work Target	116 C 8	9	INAC (1982, p. 241-242)
109 SPEC	Work Target	116 B 3	9	INAC (1983, p. 224, 227)
110 SWEDE	Work Target	116 C 1	9	INAC (1982, p. 224)
111 GRAPS	Work Target	116 B 9	9	INAC (1982, p. 224)
112 TURK	Asbestos	116 C 7	9	INAC (1985, p. 280)
113 MILLER CREEK	Deleted: same as #14 MILLER CREEK			
114 HOLLY	Work Target	116 C 1	9	
115 TIZA	Asbestos	116 C 8	7	INAC (1983, p. 224, 226)
116 JOE "1"	Work Target	116 B 3	9	INAC (1983, p. 224, 227)
117 CEDAR	Work Target	116 C 2	9	INAC (1986, p. 237, 239);
118 PINE	Work Target	116 C 2	9	INAC (1986, p. 227)
119 SPEC-2	Work Target	116 B 3	9	INAC (1983, p. 224, 227);
120 XL	Work Target	116 B 3	9	INAC (1987, p. 397)
121 TOP	Work Target	116 B 4	9	INAC (1985, p. 280; 1986, p. 239)
122 SMOKEY	Work Target	116 C 7	9	INAC (1985, p. 280)
123 BH	Work Target	116 C 7	9	INAC (1985, p. 277)
124 SHARON	Work Target	116 B 3	9	INAC (1986, p. 238)
125 TOWER	Work Target	116 B 3	9	INAC (1987, p. 397-398)
126 GEF	Work Target	116 B 3	9	INAC (1986, p. 238)
127 RENZO	Work Target	116 B 3	9	INAC (1986, p. 238)
128 KTMR	Work Target	116 C 15	9	INAC (1986, p. 238)
129 CHELS	Work Target	116 C 2	9	INAC (1987, p. 399)
130 SONY	Work Target	116 C 2	9	INAC (1987, p. 399)
131 APEX	Work Target	116 C 2	9	INAC (1987, p. 399)
132 STEMCO	Work Target	116 C 2	9	INAC (1987, p. 399)
133 SHAROL	Asbestos	116 B 3	7	Debicki (1984)
134 GORDON	Vein Cu Pb	116 B 3	7	Debicki (1984)
135 IMPAIRED	Work Target	116 C 2	9	This Report
136 HUD	Work Target	116 B 8	9	This Report
137 DAS	Wernecke Breccia Cu	116 B 13	7	G. Abbott (Personal communication, 1988)
138 TOUR	Work Target	116 B 13	9	G. Abbott (Personal communication, 1988)

9. FIBRE

N. Tirkanitz
116 B 3
64°03'N, 139°22'W

Claims: SASHA 1-2, PETE 1-2,
TOMI 1-2, NIKI 1-2
KATHY 1-2, ALEXIS 1-2

12. WEST DAWSON

W. Gaven
116 B 3
64°03'N, 130°28'W

Claims: CLOSE BUY 1-6

31. KEYSTONE

J. Moreau
116 B 4, 5
64°16'N, 139°36'W

Claims: BALL 1-40

39. GRAVE

K. Hudson
116 B 7
64°27'N, 138°40'W

Claims: MOONDANCE 1-4

74. SANDOW

K. Hudson
116 B 8
64°18'N, 138°17'W

Claims: HUD 1-12, BUZ 1-6

100. ROSE (RG)

A. Johnny, J. Moreau, J. Scarff
116 C 7
64°24'N, 140°35'W

Claims: OGIL 1-40

130. SONY

D. Cuevas, A. Downes
116 C 2
64°02'N, 140°47'W

Claims: GYPSY 1-4, BIG GOLD

135. IMPAIRED

R. McPhee, M. Fraser
116 C 2
64°12'N, 140°45'W

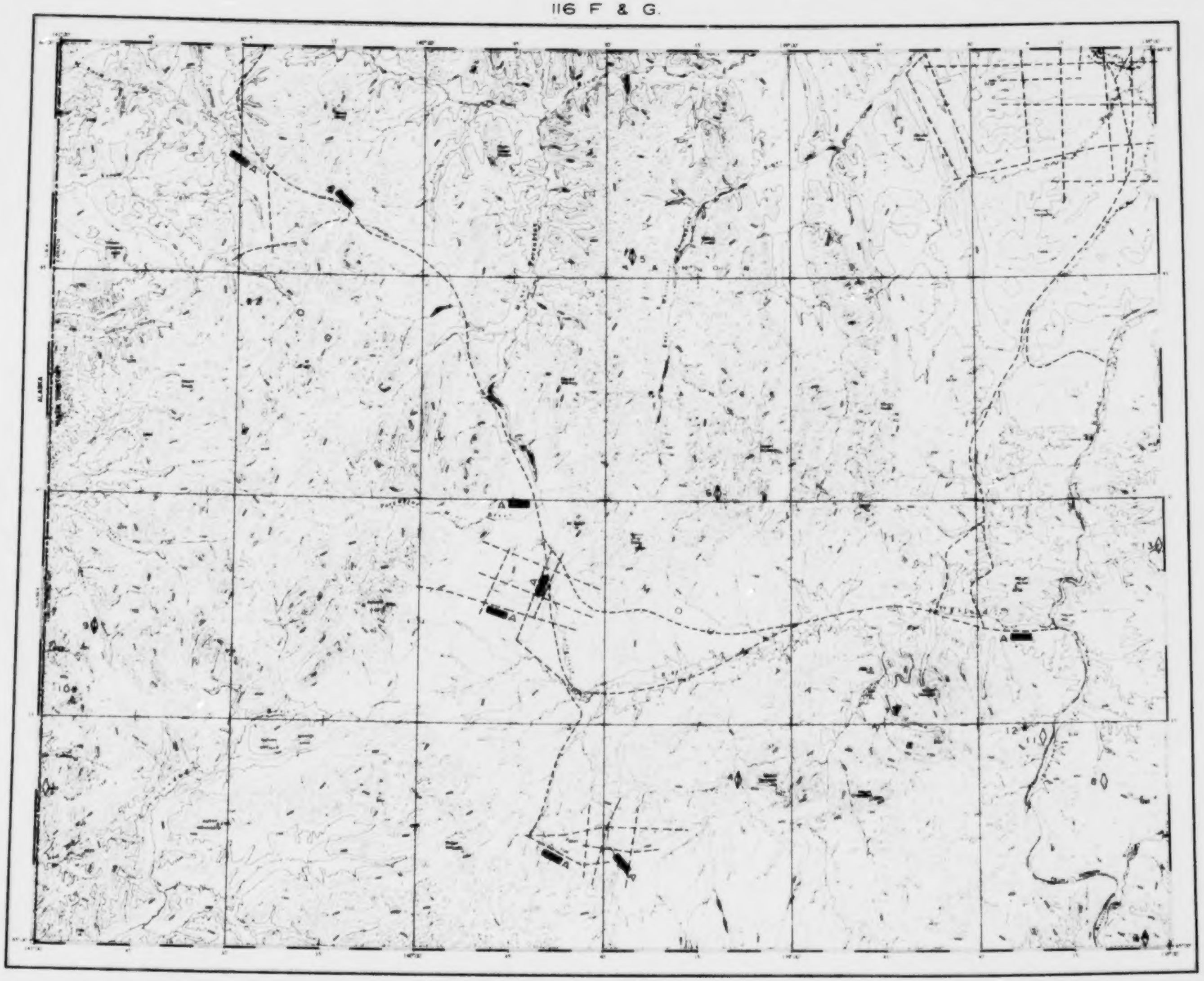
Claims: IMPAIRED 1-48

136. HUD

G. Clark
116 B 1
64°07'N, 138°14'W

Claims: LEE 1-32

116 F & G.



ALASKA
Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
5 0 5 10 15 20 25 30
Kilometres
Tote Trail
Driveable Road
A Airstrip

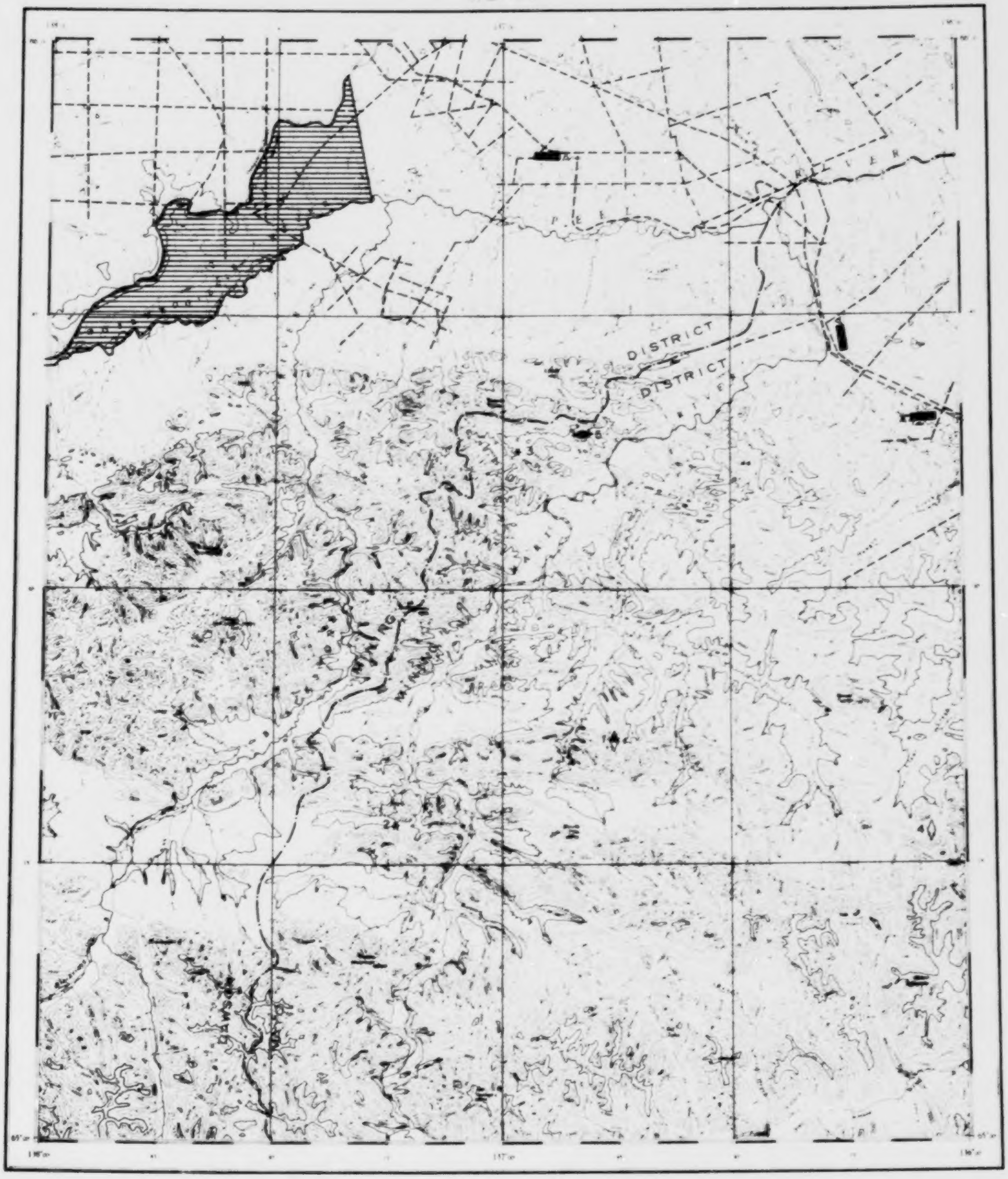
OGILVIE RIVER
YUKON TERRITORY

OGILVIE MAP-AREA (NTS 116 F-G)

General References: GSC Open File 715 by D.K. Norris, 1980;
GSC Map 1526A by D.K. Norris, 1982a;
GSC Geochem Open File 418.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	BURGOYNE (KEPT)	Vein, Replacement Zn	116 F 2	7	Sinclair et al (1976, p. 90)
2	SIT DOWN	Work Target	116 F 9	9	Norris (1976, p. 459)
3	DYKE	Vein Cu, Asbestos	116 G 1	7	Norris (1974, p. 344)
4	NUCLEAR (BEAR)	Vein Pb Zn	116 G 3	7	Sinclair et al (1975, p. 77-78)
5	GIG	Vein Pb	116 G 14	7	
6	COOT	Vein Pb	116 G 11	7	
7	BIBLO	Stratabound Discordant Zn Pb Vein Pb Ba	116 G 7	7	INAC (1981, p. 295)
8	MILCH	Vein Ba	116 G 1	7	INAC (1982, p. 245)
9	PL	Vein Pb Zn	116 F 7	7	Morin et al (1980, p. 30-31)
10	TIN	Work Target	116 F 7	7	Morin et al (1980, p. 30)
11	ELBOW	Vein Ba	116 G 1	7	Morin et al (1980, p. 31)
12	KZ	Work Target	116 G 1	9	INAC (1983, p. 229)
13	BANG ON	Vein Ba	116 G 8	7	INAC (1982, p. 245); INAC (1983, p. 229)

116 H



PEEL
RIVER
DISTRICT
DISTRICT

HART RIVER

YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal).

5 0 5 10 15 20 25 30
Kilometres

------ Tote Trail.

——— Driveable Road

▬ A Airstrip

HART RIVER MAP-AREA (NTS 116 H)

General References: GSC Open File 715 by D.K. Norris, 1980;
GSC Map 1527A by D.K. Norris, 1982b;
GSC Geochem Open File 418.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	CLING	Vein Cu	116 H 7	7	Sinclair et al (1975, p. 69-70)
2	JANE	Work Target	116 H 6	9	Sinclair et al (1976, p. 75); D.I.A.N.D. (1982, p. 247); D.I.A.N.D. (1983, p. 231)
3	CYLINDER	Work Target	116 H 10	9	Morin et al (1980, p. 24)
4	HEIDI	Vein Ba	116 H 8	7	D.I.A.N.D. (1982, p. 247); D.I.A.N.D. (1983, p. 231)
5	ROSE	Stratabound Pb Zn Cu	116 H 10	7	This Report

ROSE
Balmoral Mines Ltd

Lead, Zinc, Copper
Stratabound Discordant
116 H 10 (5)
65°38'N, 136°50'W
1968

References: No previous reference

Claims: ROSE 1-24; JOHN 1-5; RY 6-7; TRADE 9-16

Source: Summary by T. Bremner of assessment report 091695 by F. Holcapek (Agilis Exploration Services Ltd).

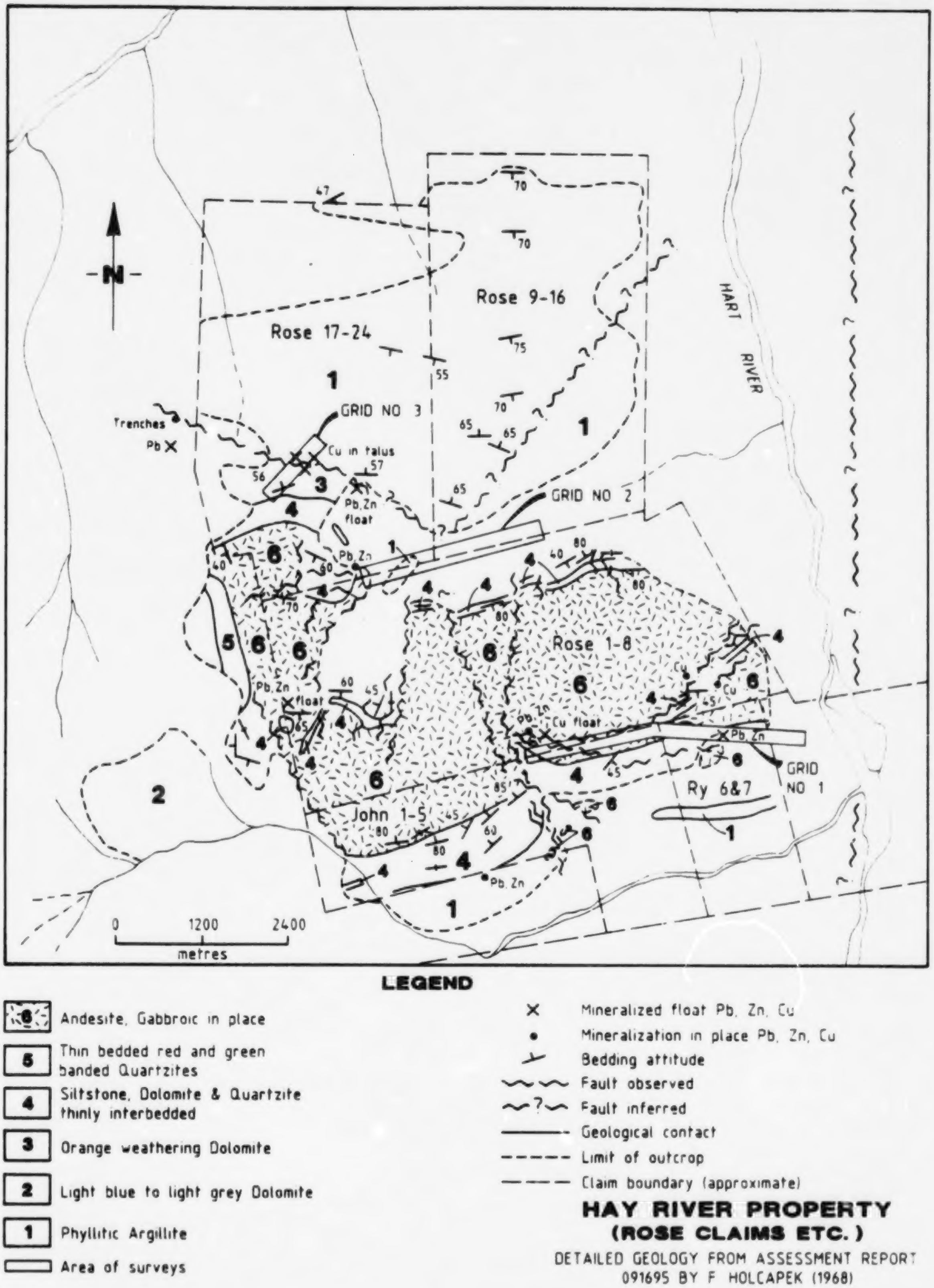
Description:

Proterozoic slate and dolomite is intruded by an altered andesite dyke of probable Cretaceous age. Sphalerite, galena and chalcopyrite occur along the intrusive contacts.

Current Work and Results:

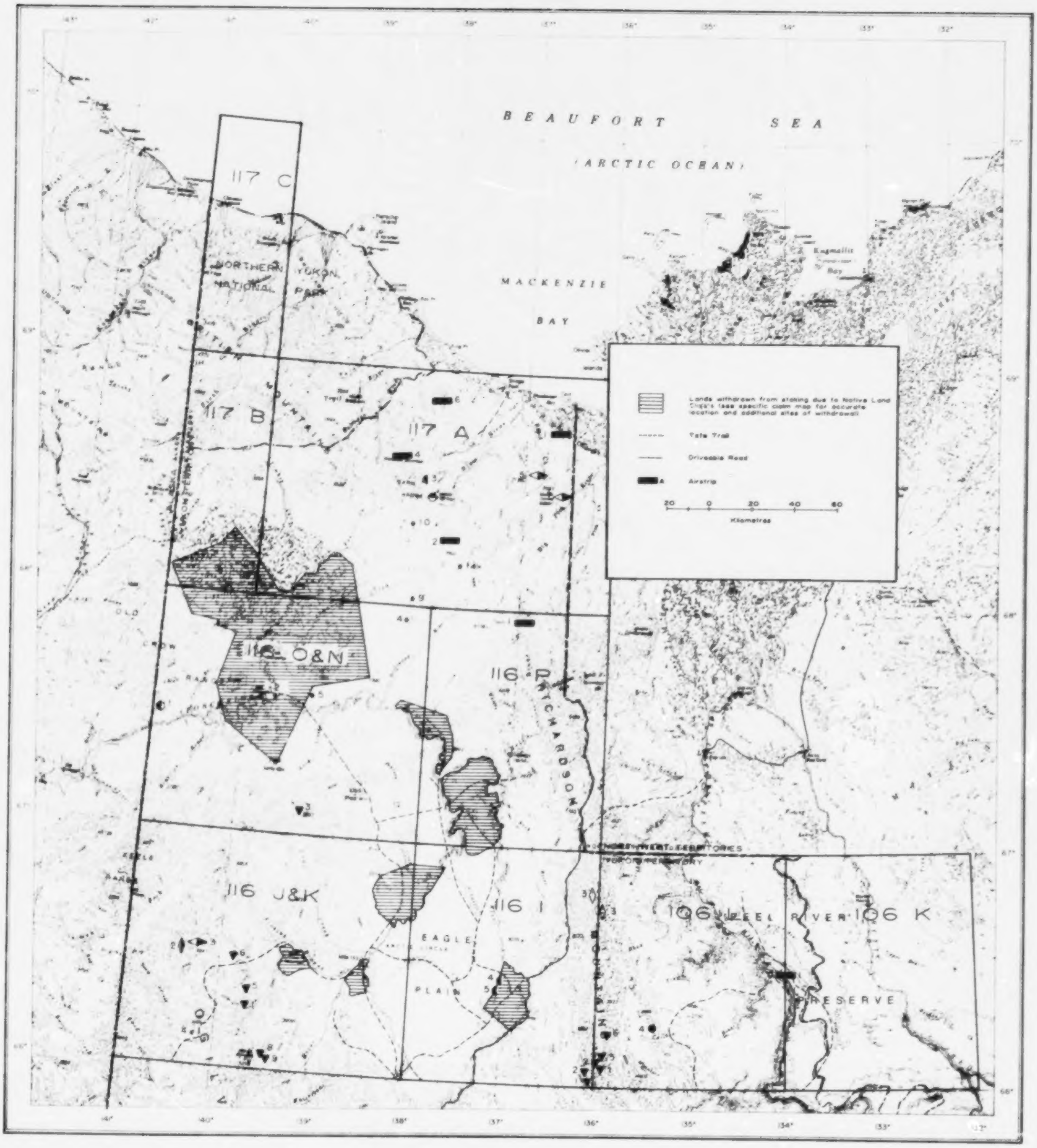
In 1968, 243 soil samples were taken on three grids covering different areas of the andesite-slate contact. Magnetic and VLF-EM 16 surveys were conducted on each grid and fourteen hand trenches were excavated. A large magnetic high along the southern contact coincides with a strong copper-lead-zinc anomaly which returned values up to 714 ppm Cu, 980 ppm Pb and 650 ppm Zn. The anomaly is associated with strongly sheared andesite and siltstone. Chalcopyrite, galena and sphalerite occur in talus downslope from the soil anomaly.

The northern grid covers a shear zone in phyllite. Anomalous soil samples containing up to 790 ppm Cu, 645 ppm Zn and 300 ppm Pb lie along a strong northwest trend. Chalcopyrite, galena and sphalerite were found in float nearby. Bedrock containing galena and sphalerite was exposed in five of the trenches. The sulphides occur as fracture fillings and disseminations along the chilled and silicified contact between andesite and siltstone, over a width of 1-2 m. Where hosted by siltstone the sulphide minerals occur in layers parallel to bedding.


N
Rose 17-24
Rose 9-16
HART RIVER
GRID NO 3
GRID NO 2
GRID NO 1
Trenches
Pb
Cu in talus
Pb, Zn float
Pb, Zn
Pb, Zn float
Cu float
Cu
Rose 1-8
John 1-5
Ry 6&7
0 1200 2400
metres
LEGEND
6 Andesite, Gabbroic in place
5 Thin bedded red and green banded Quartzites
4 Siltstone, Dolomite & Quartzite thinly interbedded
3 Orange weathering Dolomite
2 Light blue to light grey Dolomite
1 Phyllitic Argillite
Area of surveys
Mineralized float Pb, Zn, Cu
Mineralization in place Pb, Zn, Cu
Bedding attitude
Fault observed
Fault inferred
Geological contact
Limit of outcrop
Claim boundary (approximate)

HAY RIVER PROPERTY
(ROSE CLAIMS ETC.)

DETAILED GEOLOGY FROM ASSESSMENT REPORT
091695 BY F HOLCAPEK (1968)


BEAUFORT SEA
(ARCTIC OCEAN)
MACKENZIE BAY
Kugmallit Bay
NORTHERN YUKON NATIONAL PARK
117 C
117 B
117 A
116 O&N
116 P
RICHARDSON
OLD CROW
116 J&K
116 I
EAGLE PLAIN
NORTHWEST TERRITORIES
YUKON TERRITORY
106 L
PEEL RIVER
106 K
RESERVE
Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
Tote Trail
Driveable Road
Airstrip
20 0 20 40 60
Kilometres

MARTIN HOUSE MAP-AREA (NTS 106 K)

General References: GSC Open File 715 by D.K. Norris, 1980;
GSC Map 1525A by D.K. Norris, 1981h.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	CARIBOU BORN	Coal	106 K 5	7	

TRAIL RIVER MAP-AREA (NTS 106 L)

General References: GSC Open File 715 by D.K. Norris, 1980;
GSC Map 1524A by D.K. Norris, 1981g;
GSC Open File 875 by M.P. Cecile, I.F. Hutcheon, V. Gardner, 1982;
GSC Geochem Open File 420.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	PILON	Stratabound Discordant Zn Pb	106 L 4	7	Sinclair *et al* (1975, p. 88-89)
2	TWICE	Stratabound Discordant Pb Zn	106 L 4	7	Sinclair *et al* (1975, p. 90-91)
3	TOUCHE	Vein Ba	106 L 12	7	INAC (1983, p. 233)
4	NOR	Breccia U Cu	106 L 6	7	INAC (1981, p. 300-301)
5	RAS	Stratabound Discordant Pb Zn	106 L 4	9	Sinclair *et al* (1976, p. 78)
6	PETE	Stratabound Discordant Pb Zn	106 L 5	7	Sinclair *et al* (1976, p. 79)

EAGLE RIVER MAP-AREA (NTS 116 I)

General References: GSC Open File 715 by D.K. Norris, 1980;
GSC Map 1523A by D.K. Norris, 1981;
GSC Open File 875 by M.P. Cecile, I.F. Hutcheon, V. Gardner, 1982;
GSC Geochem Open File 420.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	LLOD	Stratabound Discordant Zn Pb	116 I 1	7	Sinclair *et al* (1975, p. 87-88)
2	HARIVAL	Stratabound Discordant Zn Pb	116 I 1	7	Sinclair *et al* (1975, p. 87-88)
3	TOUCHE	Vein Ba	116 I 16, 13	7	INAC (1983, p. 233-234)
4	EAGLE RIVER	Bitumen	116 I 6	7	Norris (1974, p. 348)
5	EAGLE	Bitumen	116 I 6, 7	7	Norris (1974, p. 348)

PORCUPINE RIVER MAP-AREA (NTS 116 J-K)

General References: GSC Open File 715 by D.K. Norris, 1980;
GSC Map 1522A by D.K. Norris, 1981e.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	PEACH	Stratabound Discordant Zn Pb	116 J 5	7	Sinclair *et al* (1975, p. 81-82)
2	RUSTY SPRINGS	Vein Ag Pb Zn Cu	116 K 8	5	INAC (1985, p. 288); This Report
3	ALTO	Stratabound Concordant Fe	116 K 9	2	Norris (1976, p. 461); This Report
4	BERN	Work Target	116 K 1	9	Sinclair *et al* (1975, p. 79-81)
5	FISHING BRANCH	Stratabound Discordant Zn Pb	116 J 5	7	Sinclair *et al* (1975, p. 81-82
6	MOKO	Stratabound Discordant Zn Pb	116 J 5	7	Sinclair *et al* (1975, p. 81-82)
7	WART	Vein	116 J 4	7	Sinclair *et al* (1975, p. 84)
8	YUM	Stratabound Discordant Zn Pb	116 J 3	7	Sinclair *et al* (1975, p. 83-84)
9	BULLIS	Stratabound Discordant Zn Pb	116 J 3	7	Sinclair *et al* (1975, p. 85)

OLD CROW MAP-AREA (NTS 116 N-O)

General References: GSC Open File 715 by D.K. Norris, 1980;
GSC Map 1518A by D.K. Norris, 1981c.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	SUNAGHUN	Skarn W Pb Zn	116 N 7	7	Green and Godwin (1964, p. 18)
2	TACK	Work Target	116 O 12	9	McConnell (1890, p. 127-128)
3	SALEKEN	Stratabound Discordant Zn Pb	116 O 3	7	Sinclair et al (1975, p.85-86)
4	BEAR	Work Target	116 O 16	9	
5	NOR	Work Target	116 O 11	9	

BELL RIVER MAP-AREA (NTS 116 P)

General References: GSC Open File 715 by D.K. Norris, 1980;
GSC Map 1519A by D.K. Norris, 1981d.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	NORRIS	Coal	116 P 15	7	Norris (1974, p. 348)

BLOW RIVER MAP-AREA (NTS 117 A)

General References: GSC Map 1516A by D.K. Norris, 1981b;
GSC Geochem Open File 565;
GSC Paper 85-24 by D.C. Findlay, C.F. Gleeson, R.T. Bell, W.D. Goodfellow and R.D. Lancaster (1986).

NO.	PROPERTY NAME	OCCURRENCE	N.T.S.	STATUS	REFERENCE
1	MOOSE CHANNEL	Coal	117 A 9	7	Bostock (1953, p. 30)
2	BONNET	Coal	117 A 7	7	Jeletzky (1960); Cameron et al (1986, p. 665-670)
3	HOIDAHL	Occurrence Mo W	117 A 11	7	Vokes (1963)
4	WELCOME	Coal	117 A 11	7	Bostock (1953, p. 26)
5	RAPID	Stratabound Concordant Fe	117 A 9	7	Young (1972, p. 232)
6	SHINGLE	Coal	117 A 14	7	Norris (1972, p. 97)
7	STRADDLE	Stratabound Concordant Fe	117 A 8	7	Young (1972, p. 232)
8	MAM	Skarn U W Mo	117 A 6	7	INAC (1981, p. 304)
9	NET	Work Target	117 A 3 116 O 16	9	Morin et al (1979, p. 58)
10	BOU	Work Target	117 A 6	9	Morin et al (1979, p. 58)
11	LIN	Work Target	117 A 2	9	Morin et al (1980, p. 31)

INDEX OF ACQUISITIONS OF H.S. BOSTOCK CORE LIBRARY

The H.S. Bostock Core Library houses approximately 107 396 metres of diamond drill core from 130 Yukon properties. The facility is located across the street from the Northern Affairs building at 200 Range Road. The core is stored in its original boxes, with no sample reduction practised. Confidentiality is maintained on the same basis as mineral claim assessment reports; a letter of release from the company owning the property must accompany a request to view confidential core. Status of specific core can be checked and arrangements to view or submit new core can be made by contacting the core librarian at 667-3204. Diamond saws, a core splitter and microscopes are available for use in heated examination rooms.

The following is a list of the properties now represented in the library. Location of the properties can be found by referring to N.T.S. maps and lists in this volume.

N.T.S.	MAP LIST	PROPERTY AND/OR CLAIM NAME	COMPANY
94 K	(B.C.)	DRIFTPILE CREEK	Archer, Cathro and Associates (1981) Ltd (Gataga J.V.)
94 L	(B.C.)	DRIFTPILE CREEK	Archer, Cathro and Associates (1981) Ltd (Gataga J.V.)
95 D 5	(3)	MCMILLAN (QUARTZ LAKE)	Asarco Exploration of Canada
95 D 5, 12	(3)	MCMILLAN (QUARTZ LAKE)	Noranda Exploration Co. Ltd
95 D 5, 12	(8)	PORKER	Archer, Cathro and Associates (1981) Ltd (Hyland J.V.)
95 D 6	(2)	MEL-HOSER	Sovereign Metals Ltd
95 D 6	(2)	MEL-HOSER	Novamin Resources Ltd
104 M 1	(B.C.)	HOBOE CREEK	Noranda Exploration Co. Ltd
105 A 7, 10	(6)	HUNDERE	Canadian Mine Services, Cima Resources Ltd
105 B 1	(3)	LUCK (A & B)	Serem Resources Inc.
105 B 1	(4)	FIDDLER	Amax of Canada Ltd
105 B 4	(29)	LOGJAM	A.M.P. Exploration Ltd
105 B 4	(45,46)	M.C. (SWIFT), DU	Dupont of Canada
105 B 4	(54)	CAN	Cominco Ltd
105 B 7	(17)	NITE	Archer, Cathro and Associates (1981) Ltd (Wolf Lake J.V.)
105 B 11	(35)	IRVINE (RANCHERIA)	Hudson Bay Exploration and Development Co. Ltd
105 C 8, 9	(2)	BAR (SMEG)	Comox Resources Ltd
105 C 12	(63)	MARSH	G. MacLeod
105 C 13	(6)	RED MOUNTAIN	Boswell River Mines Ltd
105 C 14	(17)	LINDSAY	J. Lindsay
105 D 1	(1)	JUBILEE	Golden Slipper Resources, Logan Mines Ltd
105 D 2	(5)	VENUS	Venus Mines Ltd
105 D 2	(6)	JEAN	Univex Mining Corp.
105 D 2	(9)	BIG THING (ARCTIC)	Arctic Gold and Silver Mines Ltd
105 D 2	(9)	BIG THING (ARCTIC) (PEERLESS)	International Mine Services
105 D 2, 3	(32)	MT STEVENS (TON, JL)	Island Mining and Explorations Co. Ltd
105 D 3	(28)	MT. ANDERSON	Noranda Exploration Co. Ltd
105 D 3	(112)	ODD	Shakwak Exploration Co. Ltd
105 D 3, 4	(19)	CHARLESTON (HO)	Island Mining and Explorations Co. Ltd
105 D 3, 6	(29)	TALLY-HO	Tally-Ho Exploration Ltd
105 D 4	(105)	RAM	Inco Metals Co.
105 D 6	(145)	BEAR	Shakwak Exploration Co. Ltd
105 D 10, 11	(49)	WHITEHORSE COPPER (VALERIE)	Whitehorse Copper Mines Ltd
105 D 11	(49)	WHITEHORSE COPPER (LAST CHANCE)	Hudson Bay Exploration and Development Co. Ltd
105 D 11	(49)	WHITEHORSE COPPER (WAR EAGLE)	Hudson Bay Exploration and Development Co. Ltd
105 D 11		WHITEHORSE POWER DAM	Northern Canadian Power Commission
105 D 11	(53)	POLAR	M. Nichiporick
105 D 11	(67)	GROUSE	E. Kreft
105 D 14	(79)	SUITS (KING LAKE)	United Keno Hill Mines Ltd
105 D 14	(147)	BEE	Silver Sabre Resources Ltd
105 E 11	(43)	MIDAS	Midas Exploration Ltd
105 F 3		QUIET LAKE	J. Lindsay
105 F 6	(72, 73)	HIDDEN, AYDUCK	Archer, Cathro and Associates (1981) Ltd (Cub J.V.)
105 F 7, 10	(75)	GULL (SEAGULL, MAT)	Dupont Canada Exploration Inc.
105 F 9	(86)	EROS	Curragh Resources Inc.
105 F 9, 10	(78)	BNOB	Curragh Resources Inc.
105 F 10	(80)	ANISE	Curragh Resources Inc.

105 G 2	(24)	FYRE (DUB)	Atlas Exploration
105 G 3	(4)	TINTINA (EAGLE)	Tintina Mines Ltd
105 G 6	(13)	SANDERS (MARMOT)	Archer, Cathro and Associates (1981) Ltd (Chevron Minerals Ltd)
105 G 6	(55)	BOOT	Archer, Cathro and Associates (1981) Ltd (Chevron Minerals Ltd)
105 G 6	(69)	CYR	Newmont Exploration of Canada Ltd
105 G 7	(21)	PACK	Conwest Exploration Ltd
105 G 8	(44)	FETISH	Archer, Cathro and Associates (1981) Ltd (Finlayson J.V.)
105 G 11	(58)	EAGLE (FRED) (BEV)	Hudson Bay Exploration and Development Co. Ltd
105 G 14	(42)	ELECTRIC (SHALE)	Pelly Banks Syndicate
105 G 14	(57)	DWONK	Curragh Resources Inc.
105 G 14	(68)	LEACH	Dupont Canada Exploration Inc.
105 H 5	(55)	JULIA	Esso Minerals Canada
105 H 8	(50)	SUSAN	Union Carbide Canada Ltd
105 I 12, 105 J 9	(13)	ABBEY	Archer, Cathro and Associates (1981) Ltd (Itsi J.V.)
105 K 1	(1)	TENAS	Dupont Canada Exploration Inc.
105 K 2	(88)	GREW CREEK (CANYON)	Hudson Bay Exploration and Development Co. Ltd
105 K 3	(5)	FARGO (SUNSET)	Welcome North Mines
105 K 3	(6)	LYN	Cyprus Exploration
105 K 3	(6)	LYN (PUG)	J. Graham
105 K 6		ROSE CREEK	Cyprus Anvil Mines Ltd
105 K 11	(44)	KEGLOVIC (HAL)	Northern Homestake
105 L 8	(20)	FELIX	Union Carbide Canada Ltd
105 L 14	(30)	TUM	Cominco Ltd
105 M 13	(28)	WAYNE	Island Mining and Explorations Co. Ltd
105 M 14	(20)	EAGLE	Archer, Cathro and Associates (1981) Ltd (Brameda Resources)
105 O 1	(1)	TOM	Hudson Bay Exploration and Development Co. Ltd
105 O 1	(28)	ESS	Archer, Cathro and Associates (1981) Ltd (Itsi J.V.)
105 O 1	(29)	FETCH	Inco Metals Co.
105 O 2	(17)	TEA (BROCK)	5494 Yukon Ltd.
106 B 4	(4)	BIRKELAND (TOM)	McIntyre Mines Ltd
106 B 15, 16	(N.W.T.)	GAYNA RIVER	Rio Tinto
106 C 7	(19)	GOZ CREEK	Barrier Reef Resources
106 C 7	(20)	HARRISON	Great Plains Development
106 C 13	(6)	FAIRCHILD	Magni Mana Cement
106 C 14	(10)	MAMMOTH (DOLORES CREEK)	Bonnet Plume River Mines
106 C 14	(71)	PTERD	Archer, Cathro and Associates (1981) Ltd (Ogilvie J.V.)
106 C 15, 16	(48)	CAB	Welcome North Mines Ltd
106 D 10	(48)	BOND	Archer, Cathro and Associates (1981) Ltd (Wernecke J.V.)
106 D 16	(37)	PAGISTEEL	Pacific Giant Steel
106 E 1, 2	(17, 6)	OTIS, IGOR	Archer, Cathro and Associates (1981) Ltd (Ogilvie J.V.)
106 E 2	(4)	FLUNK	Archer, Cathro and Associates (1981) Ltd (Ogilvie J.V.)
106 E 3	(5)	FORSTER (MST)	Archer, Cathro and Associaes (1981) Ltd (Ogilvie J.V.)
106 E 6	(9)	BONNET PLUME	Pan Ocean Oil
114	(B.C.)	PANTHER	Canex Placer
114 P 7, 8	(B.C.)	CANDY MOUNTAIN	Noranda Exploration Co. Ltd
114 P 10	(B.C.)	PARTON RIVER	Noranda Exploration Co. Ltd
114 P 15	(B.C.)	MULE CREEK	Noranda Exploration Co. Ltd
115 A 3	(1)	JACKPOT	Jackpot Copper
115 A 8	(17)	DEVILHOLE? (GREEN, EAGLE, JOY)	Phelps Dodge Corporation of Canada Ltd
115 F 15	(33)	CANALASK (MICRO)	P. Versluce
115 F 15, 16	(33)	CANALASK (MICRO)	Canalask Nickel Syndicate
115 G 5	(18)	WELLGREEN (QUILL CREEK)	Hudson Bay Exploration and Development Co. Ltd; Archer, Cathro & Associates (1981) Ltd
115 G 6	(12)	CORK	Imperial Oil
115 H 2	(12)	AISHIHIK	Hudson Bay Exploration and Development Co. Ltd
115 H 8, 105 E 5	(8)	DIVISION (TESLIN)	Arjay Kirker Resources; Teslin Exploration
115 H 9	(4)	MACK'S	A. Arsenault, P. Versluce
115 H 12, 5	(16)	SEKULMUN	M. Nichiporick
115 H 15	(19)	BUFFALO (TAH)	Noranda Exploration Co. Ltd
115 I 1	(3)	TANTALUS BUTTE	Tantalus Butte
115 I 3	(40)	MT. NANSEN	Area Explorations
115 I 5	(23)	CASH	Archer, Cathro and Associates (1981) Ltd (Klotassin J.V.)
115 I 5	(21)	FROG (LILYPAD)	Archer, Cathro and Associates (1981) Ltd (Ukon J.V.)
115 I 6	(26, 64)	REVENUE, NUCLEUS	Archer, Cathro and Associates (1981) Ltd (Nat J.V.); Shakwak Exploration
115 I 6	(34)	LAFORMA	Rayrock Mines; Tally-Ho Exploration
115 I 6	(63)	DART	Noranda Exploration Co. Ltd
115 I 7	(5)	WILLIAMS CREEK	Archer, Cathro and Associates (1981) Ltd
115 I 7	(36)	GRANITE MOUNTAIN (MARCH)	Archer, Cathro and Associates (1981) Ltd (Dawson Range J.V.)

115 I 11	(14)	MINTO	United Keno Hill Mines Ltd
115 I 13	(51)	KERR? (WON)	Kerr Addison Mines Ltd
115 I 14	(17)	PELLY (PELLY, DARY)	Occidental Petroleum
115 J 9	(41)	KOE	Kerr Addison Mines Ltd
115 O 11	(25)	MCKINNON (MAC, FOX)	McKinnon Rand Resources
115 O 14	(90)	DAWSYND	Arbor Resources Inc.
115 P 13	(13)	CLEAR CREEK (URA)	Beach Gold Mines
115 P 14	(42)	ZETA	Noranda Exploration Co. Ltd
116 B 3, 2, 115 O 14, 15	(4)	UNEXPECTED	Archer, Cathro and Associates (1981) Ltd
116 B 7	(78)	MARN	Noranda Exploration Co. Ltd
116 B 7	(91)	MAIDEN (TING)	Archer, Cathro and Associates (1981) Ltd
116 B 8, 11	(95)	OD (OD, LALA)	Union Miniere
116 B 9, 10	(86)	TAK	Noranda Exploration Co. Ltd
116 B 11	(99)	GULCH (RACKLA)	Chevron Standard Ltd
116 C 7	(17)	CLINTON CREEK	Cassiar Asbestos
116 C 8	(27)	CASSIAR CREEK (SUBMARINE)	Noranda Exploration Co. Ltd
116 G 1	(8)	MILCH (KAREN)	Milchem Canada

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INDEX

A.M.P. Exploration & Mining Co. Ltd. 77
A (105 B).... 99
A & B (105 B).... 74
A+B,C+D (105 D).... 99
ABE (105 K).... 40,183
ABBA (105 C).... 87
ABBEY (105 I).... 175
Abbott, G..... 49,50,67,79,149,156
Abercrombie, S..... 158
ABI (105 D).... 98
ABRAHAM (105 K).... 179
Abraham, W. 245
AC (115 O).... 290
ACE (105 D) 97,100,129
ACE (115 I) 263
ACE (115 P) 305
ACHERON (RG) (116 C) 315
Adams Creek 298
Adams, J. 192
ADAMSON (105 K) 179
ADDY (105 F) 149
ADD (105 B) 39,83
ADE (115P) 308
ADUB (106 D) 210
AFI (105 D) 30,107,138,139
After Eight Zone 120
AG (105 B) 74,79
AGIP Canada Limited 30,31,119,120,140
AH (105 E) 145
AH (115 H) 257
AHEARNE (106 D) 209
Aigner Holdings Ltd. 33
Aikins, H.S. 172
Ainsworth, M. 39,40,141,142,143
AIRBORNE (105 G) 167
AIRSTRIP (106 C) 205
AIRSTRIP (106 E) 217
AIRWAYS (115 G) 35,233,238,239,252
AISHIHIK (115 H) 257
Aishihik Lake Batholith 50
Aishihik Lake map-area 255
AJ (116 B) 38,316
AJM (115 O) 286,301
AKEL (105 E) 145
Akhurst, K. 51
AL (105 F) 33
AL (106 C) 205
AL (115 H) 255
AL (115 I) 262,263
ALAN (105 B) 74
ALBATROS (105 D) 98,140
ALBERT (105 A) 67
ALE (106 C) 205
ALEC (106 D) 205
ALEXIS (116 B) 317
Allen, D. 84
Allen, L. 30,111
ALGAE (106 C) 205
Alice Lake Mines Ltd. 129
ALLIGATOR (105 D) 97
ALLISON (105 D) 98
All-North Resources Ltd.... 24,26,29,30,31,34,35,38
.... 56,90,91,113,114,136,211,241
ALM (105 H) 171
ALMOST (105 B) 72,83
ALP (105 O) 197
ALPHA (105 D) 100
ALPHA (115 O, 116 B) 298
ALPHONSE (115 O) 286,301
ALTO (116 K) 325
AM (105 D) 100
AM (105 J) 177
AM (105 L) 187
AMBROSE (105 F) 149
AMINO (115 P) 28,41,141,142,143
AMN (105 D) 98
AMP (115 G) 35,238
AMPHITHEATRE (115 G) 233
AM-PM (105 L) 187
Amukun, S. 51,72,73,76,80
ANA (115 I,J) 277,278
ANACONDA (105 D) 100,128
AND (115 D) 252
Anders, G. 253
Anderson, C. 289
Anderson, I. 41,300
Anderson, M. 282
ANDESITE (115 H) 255
ANDREA (105 N) 195
ANDROMEDA (115 O) 292
ANDY (106 B) 203
ANGEL WING (105 D) 118,119
ANGIE (105 F) 150,164
ANGLO (106 C) 205
ANGUS (115 I) 41,273
Anina Resources Ltd. 123
ANISE (105 F) 150
ANN (105 F) 150
ANN (105 M) 191,192
ANN (115 O) 286,301
ANNA (105 F) 163
ANNA (115 J/K) 277
ANNI (105 B) 173
Anooraq Resources Corp 88
ANT (105 B) 73
ANTHONY (105 M) 24
ANTONIUK (115 I) 23,36,262,266,273
A1 (105 F) 149,158,159
Anvil Batholith 181
Anvil District 180
APE (106 C) 206
APEX (105 M) 190
APEX (116 C) 316
Apex Energy Corp. 39,84
Aquitane Co. of Canada Ltd. 230
Arbor Resources Ltd. 24,37,38,290
ARBY (115 G) 253
ARC (115 H) 41,259
ARCH (115 G) 234
Archer, Cathro and Associates (1981) Ltd....
.... 25,34,41,56,91
.... 114,117,142,151,160,213,226,230,231,239
.... 245,252,253,254,259,268,273,292,300,308
ARCTIC (105 D) 97
ARCTIC CHIEF (105 D) 99
Arctic Gold and Silver Mines Ltd. 102,103
ARCTIC & MASTIFF (105 M) 191
ARCTOS (106 D) 209,213
ARGENT (105 M) 190,191,192
ARGO (105 O) 197
ARGYLE (115 O) 290
ARIES (106 D) 214
ARIES (115 N) 285
ARKELL (105 D) 97
ARMSTRONG (105 N) 195
ARN (115 F) 253
ARNOLD (115 G) 234
ARO (105 K) 179
ARROWHEAD (105 O) 197
ART (105 D) 98,112,140
ASBESTOS BLUFF (115 O) 286
Asbestos Corp. (Exploration) Ltd. 311
ASH (105 D) 125,126
ASH (105 F) 150,165
Ashley, C. 126
Ashworth Explorations Ltd. 134
ASKIN (105 F) 149
ASS (116 B) 315
ATA (105 D) 99
ATHES (105 D) 98
ATOM (105 B) 72
AUGUSTA (115 I) 24
AUL (105 D) 30,100,130
AUP (105 A) 67
Aurchem Exploration.... 23,36,56,269,274
AUREOLE (105 N) 195
Aurich Resources 32
AURIER (105 E) 145
AURORA (105 B) 72
AURORA (105 H) 171
Aurum Geological Consultants Inc... 51,88,90,91,107
.... 113,114,120,122,124,125,126,127,130,131
AUS (116 A) 41,311,312
AUSTON (116 A) 311
Autech Resources 56
Avanti Minerals Ltd. 40,254
AVENUE (105 M) 190
AYDUCK (105 F) 150
AXE (105 E) 147
AXE (105 G) 167
AZTEC (105 M) 190
AZTEC (115 J) 277

B.H.W. (115 P) 308
B.R. (105 F) 149
BACHUS (105 D) 98
BACON (BOND) (105 E) 45
BAG (106 D) 210
BAG (115 I) 263
BAK (106 C) 205
BALD EAGLE (115 O) 285

BALDY (116 C) ... 316
BALL (105 B) ... 83
BALL (105 C) ... 39
BALL (116 B ... 42,317
Ballantyne, S. ... 110
Balmoral Mines Ltd. ... 321
BALT (105 D) ... 142
BAND (105 E) ... 145
BANDER (115 P) ... 305
BANG ON (116 G) ... 319
BANK (105 D) ... 139
BAR (105 B) ... 72,83
BAR (105 C) ... 87
BAR (105 O) ... 197
BARB (105 B) ... 77
BARB (105 D) ... 102,103
BARB (105 K) ... 179
BARB (106 C) ... 205
BARETTE (116 B) ... 315
BARITE MOUNTAIN (105 F) ...149,164
BARKER (106 D) ... 209
Barker, M ... 141
BARNEY (115 P) ... 305,309
BARNY (115 G) ... 35,40,56,238,252
BARR (105 D) ... 39,100,134,135,139
Barrett, L. ... 102,103,140
BARRY (105 H) ... 171
Barytex Resources Corp. ... 172
BAS (105 C) ... 87
Bashford, M. ... 40,192
BASIN (106 E) ... 217
BATES (115 A) ... 225
BATRICK (115 K) ... 277
BATTLE (115 J) ... 277
BBOB (105 O) ... 197
BEA (105 B) ... 73,76
BEA (FOX) (105 K) ... 179
BEA (115 O) ... 286
BEAN (95 C) ... 39
BEANS (105 H) ... 172
BEAR (105 D) ... 99,121
BEAR (105 F) ... 150,154
BEAR (116 G) ... 319
BEAR (116 O) ... 326
Bear Creek ... 56
BEAT (115 A) ... 225
BEAUCHAMP (105 O) ... 197
BEAV (95 C) ... 61
BECKER-COCHRAN (105 D) ... 97,106
Beckett, S. ... 141
Bedrock Creek ... 296
BEE (105 D) ... 56,99,122
BEE (105 E) ... 145
BEE (105 I) ... 175
BELCARRA (116 A) ... 311
Bell River map-area ... 326
Bellekeno Mine ... 23,25
BELLEKENO (105 M) ... 17,25,191
BELOUD (115 A) ... 225
BEN (105 D) ... 30,98,100,114,140
BEN (105 F) ... 156
BEN (115 P) ... 305
BEN LEVY (115 O) ... 24
BE NO. 1 (105 M) ... 191
BE NO. 2 (105 M) ... 191
BE NO. 3 (105 M) ... 191
BE NO. 4 (105 M) ... 191
Bennett Lake ... 111,113,117,137
BERESFORD (105 D) ... 98
BERG (105 D) ... 39,100,142
Berglynn Resources Ltd. ... 23,31,56,106,141
Bergvinson, E. ... 39,139,141,142
BERMINGHAM (ARCTIC AND MASTIFF) (105 M) ... 191
BERN (116 K) ... 325
BERNEY (105 D) ... 97
BERYL (105 B) ... 72
BESSEY (105 B) ... 73,79,80
BEST CHANCE (105 D) ... 99
BETA (105 K) ... 179
BETH (115 F/G) ... 245
BETH (105 H) ... 40,172
BETH (115 H) ... 41
BEV (106 E) ... 217
BEXI (105 D) ... 98
BEYON (105 K) ... 180
BH (115 O) ... 301
BH (116 C) ... 316
BIBBER (106 C) ... 205
BIBLO (116 G) ... 319
BID (105 F) ... 150,165
BID (115 J) ... 277
Bidwell, G. ... 129
BIG CHIEF (105 D) ... 99
Big Creek ... 23
Big Creek Joint Venture ... 266,271,272
Big Creek Resources Ltd. ... 271,272
BIG GOLD (116 C) ... 317
BIG OX (105 F) ... 150
Big Salmon Complex ... 89,91,92
Big Salmon Fault ... 146
BIG SAM (105 F) ... 150
BIG THING (ARCTIC) (105 D) ... 97,101,102,112
BIG THING (PEERLESS) ... 102
BIG THING (TAG) ... 101
BILL (105 J) ... 177
BILL (115 P) ... 305
Bilquist, R. ... 30,111,140
BINGY (105 B) ... 73,79
BIRCH (115 G) ... 233
BIRGIT (105 M) ... 191
BIRKELAND (106 B) ... 203
BIRR (BEE) (105 I) ... 175
BISHOP (115 O) ... 285
BISMARK (115 O) ... 286
BIT (115 I) ... 274
BLACK (105 A) ... 67
BLACK (105 B) ... 74
Black, A. ... 69
BLACKCAP (105 M) ... 13,191
BLACK CUB (105 D) ... 100
BLACK FOX (115 O) ... 285
Black Hills Creek ... 19,20
BLACK IDA (106 C) ... 206
BLACK JACK (105 H) ... 171
BLACK ROCK (105 B) ... 72
BLACKWOOD (CIVI) (105 K) ... 179
BLIND (FOTO) (105 K) ... 179
BLOOM (105 N) ... 195
Blow River map-area ... 326
BLUE (105 B) ... 73
BLUEBIRD (105 M) ... 191
BLUE LITE (106 D) ... 210
BLUE ROCK (105 M) ... 191
BLUFF (115 I) ... 262
Blusson, S.L. ... 171
BM (105 D) ... 100,143
BNA (105 B) ... 74
BNOB (105 F) ... 150
BO (105 D) ... 99
BOA (105 B) ... 39,83
BOARD (115 N/O) ... 285
Boettcher, F. ... 50
BOB (105 D) ... 39,100,142
BOB (105 F) ... 33,150,161
BOB (105 G) ... 167
BOB (105 O) ... 197
BOB (106 C) ... 205
BOB CAT (105 K) ... 179
BOB NOB (105 O) ... 197
BOBBY (105 F) ... 33,150
BOBO (105 D) ... 98
BOCK (115 G) ... 233
BOJO (105 J) ... 177
BOLD (115 P) ... 307
BOM (105 B) ... 72
BOMBER (115 J) ... 277
BON (115 O) ... 285
Bonanza Creek ... 298
BONANZA KING (115 I) ... 262
BOND (105 E) ... 145
BOND (106 D) ... 209
BOND (115 P) ... 41,308
BONNET (106 C) ... 206
BONNET (117 A) ... 326
BONNET PLUME COALFIELD (106 E) ... 217
Bonnet Plume map-area ... 203
BONNIE (115 O) ... 301
BONZO FR. (105 D) ... 128
BOO (115 I) ... 41,274
BOOM (105 F) ... 149,153
BOOT (105 G) ... 167
BORD (105 O) ... 197
BORDER (105 B) ... 73
BOREAL (115 J) ... 277
BORNITE (105 D) ... 128
BOSTOCK (105 D) ... 97
Bostock, H. ... 87,97,99,190.294
BOT (105 G) ... 167
BOTWAT (105 D) ... 99
BOU (117 A) ... 326
BOUD (105 D) ... 30,99,118,140
BOUDETTE (105 D) ... 30,98,118

Boudreau, H. ... 40,213
BOULDER (115 P) ... 305
Boulder Creek ... 74,298
Boulder Zone ... 76
BOW (105 G) ... 167
BOW (115 I) ... 262
BOX (JD) (105 F) ... 149
BOX CAR (115 O) ... 285
BOY (105 B) ... 72
BOYLE (116 A) ... 311
BOYLE (116 B) ... 315
BOYLEN (SUN) (115 I) ... 263
BOZO (105 B) ... 82
BOZO (106 D) ... 210
BR (105 H) ... 171
BRAD (115 I) ... 274
BRADENS CANYON (115 I) ... 262
Brady, M.J. ... 294
BRAINE (106 D) ... 209
BRANDON (115 O) ... 292
BRANDY (105 L) ... 187
Brandy Zone ... 17,119
BRAULT (105 F) ... 40
Brault, L. ... 40,139,164
BRAZIL (115 O) ... 286
Break Zone ... 17,23,24
BREFAULT (106 D) ... 210
BREMNER (115 O) ... 286
Bremner, T. ... 49,109,110
BRENDON (RAM) (106 C) ... 205
BRI (115 J) ... 277
BRIDEN (105 K) ... 179
BRIDGE (105 D) ... 139
BRIE (105 F) ... 149
BRITANNIA (115 O) ... 292
BRO (105 F) ... 40,165
BRO (115 O) ... 41,293,300
BROAD-LEDGE (116 B) ... 315
BROD (105 H) ... 171
BRODELL (105 N) ... 195
BROMADROSIS (106 C) ... 206
BRONCO (105 D) ... 100,143
BRONSON (115 O) ... 37,293
BROOKS (115 G) ... 233
BROTEN (105 H) ... 171
BROWN CUB (105 D) ... 100
Brown, J. ... 238
BROWN-McDADE (115 I) ... 23,262,267
BRUCE LAKE (105 F) ... 149,158
BRUK (VUG) (116 A) ... 311
BRUMMER (115 G) ... 233
BRUTE (105 D) ... 100,138
BRX (105 B) ... 73
BRX (116 B) ... 316
BRX Mining & Petroleum Corp. ... 36
BRX Zone ... 268
BS (105 K) ... 179
BTT (105 D) ... 100,137,142
BTT (115 O) ... 41,300
BTTA (115 O) ... 286,289
BUCHANAN (105 D) ... 98
BUCK (105 O) ... 198
BUCKLAND (115 O) ... 285,286
BUD (105 F) ... 33
BUD (115 N) ... 286
BUFFALO (105 D) ... 97
BUFFALO (115 H) ... 257
BUG (105 B) ... 274
BUG (105 D) ... 30,109,139
BUH (106 F) ... 217
BULL (115 I) ... 266
BULLION (115 B) ... 229
BULLIS (116 J) ... 325
BUM (105 L) ... 187
BUM (115 O) ... 285
BUMS (105 E) ... 145
BUN (115 H) ... 257
BUNYIP (105 A) ... 67
BUNYIN (115 H) ... 259
BURGER KING (115 A) ... 225
BURGOYNE (KEPT) (116 F) ... 319
Burke, D. ... 213
BURN (105 B) ... 39,83
BURNHAM (115 O) ... 286
BURWASH (115 G) ... 233
BUS (105 H) ... 171
BUT (106 D) ... 209
BUTLER (115 N) ... 285
BUTTE (105 D) ... 30,99
BUTTER (115 I) ... 274
Butterworth, J. ... 300
Butterworth, W. ... 300
BUZ (116 B) ... 317
BYG Natural Resources Inc. ... 23,36,266
Byrne, J. ... 165

"C" STRUCTURE (105 M) ... 191
C.J. (115 A) ... 226
C.T. (115 G) ... 254
C.W.L. (115 F) ... 252
CA (105 D) ... 99,126
CAB (106 C) ... 205
CABIN (105 B) ... 73
CABIN CREEK (105 B) ... 82
Cache Creek ... 102,110
CADET (106 C) ... 205
CAESAR (95 E) ... 65
Cal-Denver Resources Ltd. ... 56
CALEY (116 C) ... 315
CALGAL (CHUNG) (105 F) ... 149,164
CALIFORNIA (115 K) ... 277
California Standard Company ... 220
CAMEO (105 D) ... 99
CAMERON (PAUL) (106 D) ... 209,213
CAMP (105 F) ... 33,158
CAMPBELL (105 G) ... 167
Campbell, R.B. ... 187
CAN (105 B) ... 73
CAN (105 K) ... 40,183
CAN (115 F) ... 233
CAN (115 O) ... 286
CANA (115 F) ... 242,253
Canadian Reserve Oil & Gas Ltd. ... 212
Canada Tungsten Mining Corporation Ltd. ... 56,198
CANALASK (115 F) ... 34,56,233,242,245,253
CANALASK IV (115 F/G) ... 244
Canalask Nickel Mines Ltd. ... 241
Canamax Resources Inc. ... 13,17,24,25,29,32,33,40
... 67,69,153,158,161,163,164
Canol Mines ... 156
Canol Road ... 157
CANUSA (105 F) ... 149,157
CANYON (105 H) ... 171
CANYON (105 K) ... 182
CAP (105 D) ... 31
CAPE (115 N) ... 41,286,301
CAR (105 B) ... 76
CAR (115 I) ... 262
Carcross ... 102
CARCROSS (105 D) ... 97
CARIBOU (105 B) ... 73
CARIBOU (105 D) ... 103,112
CARIBOU (105 F) ... 156
CARIBOU (105 M) ... 191
CARIBOU BORN (106 K) ... 325
CARIBOU CREEK (115 I) ... 262
CARL (105 B) ... 73
CARL (105 F) ... 32,150,153
CARLICK (105 B) ... 72
CARLISLE (105 D) ... 99
Carlos, A. ... 33,158
Carlson, R.G. ... 51
Carmacks map-area ... 262
Carne, R.C. ... 248,278,292
CAROL (105 A) ... 67
CAROLYN (105 J) ... 177
CARPENTER (106 D) ... 209
Carson, J. ... 308
CASCA (RIDGE) (105 K) ... 179,183
Case, S. ... 40,163
CASH (115 I) ... 262
CASHBOX (105 A) ... 67
CASINO (115 I,115 J) ... 23,277,278
CASSIAR BAR (105 E) ... 145,147
Cassiar Platform ... 162
CASTLE (115 I) ... 263
CAT (105 C) ... 87
CAT (105 K) ... 180
CATO (115 O) ... 290
CATS (115 F) ... 34,241
Cathro, R.J. ... 211,237,238,242,245,292
CATS AND DOGS (115 F) ... 233,241,252
CAVE (115 A) ... 225
CEA (105 B) ... 74
CEC (105 G) ... 168
Cecile, M.P. ... 190
CEDAR (116 C) ... 316
CEE (105 D) ... 122
CELESTIAL (105 A) ... 67
CEMENT (115 G) ... 233
Central Electricity Generating Board (Canada) Ltd.
... 82

CER (105 B) 73,79,80,84
CES (105 K) 40,183
CESSNA (105 K) 179
CHAIN (116 C) 315
CHAIR (115 K) 227,280
Chair Mountain 280
CHALCO (116 A) 311
CHANCE (105 M) 24,190
CHANDINDU (116 B) 315
CHAP (105 H) 171
CHAPLIN (ARO) (105 K) 179
CHAPMAN (116 B) 315
CHAPPIE (106 E) 217
CHARLESTON (105 D) 97,107,133
CHARLESTON (105 M) 56
CHARLIE (95 E) 65
CHARLIE (105 D) 31,99,124
CHARLIE (105 K) 184
CHARLIE (115 A) 225
Cheeseman, S.B. 182
CHELS (116 C) 316
Chesbar Resources Inc. 23,24,36
Chevron Canada Resources Limited 23,266
Chevron Minerals Ltd. 26,34,35,36,37,241
CHI (115 O) 286,302
CHICKALOON (115 A) 225
CHIEF (105 B) 74,84
CHIEF (105 D) 30
CHIEF (105 M) 24
CHLOE (106 E) 217
CHOW (105 G) 167
CHRIS (105 C) 87
CHRISTAL (105 M) 190
CHRISTINE (105 M) 190
Christopher, P.A. 67
CHU (95 D) 63
CHU (105 D) 140
CHUCK (105 K) 180
CHUNG (105 F) 149,164
CHZERPNOUGH (105 F) 150
CIM (115 O) 286,290
CIMA (105 A) 67
Cima Resources 181
Cinnibar Resources Ltd. 33
CIROUE (106 C) 205
Cirque Zone 17,119
CISCO (105 D) 100,134,141
CIVI (105 K) 179
CJ (105 A) 67
CLARK (105 M) 25
CLARK (106 D) 34,209
Clark, A.R. 229
Clark, G. 40,41,42,140,168,183,312,317
Clarkson, R. 121
Claymore Resources 295
CLEA (105 I) 175
CLEAR CREEK (115 P) 305
Clear Creek 19,20
CLEAR LAKE (105 L) 187
CLEAVES (105 M) 191
CLEVELAND (115 J) 277
CLIFF (115 H) 259
CLIFF (116 C) 315
CLIFFSIDE AGATE (115 I) 263
CLINGON (105 J) 177
CLINTON CREEK (116 C) 315
CLIP (116 C) 316
CLO (105 F) 150
CLOSE BUY (116 B) 317
CLOUTIER (106 D) 209
CLYDE (105 J) 177
CMC (105 B) 25,76,77
CO (105 B) 73
CO (115 J) 277
COAL RIDGE (105 D) 98
Coal River map-area 63
COBALT (105 M) 190
COCKFIELD (115 J) 277,278
CODY (105 K) 180
Cody Hawk Resources 38
COFFEE (115 J) 277
COIN (115 I) 262
COJO (115N) 300
COLLEGE GREEN (105 D) 30,97,139
COLLEEN (106 D) 210
COLLIERY (116 B) 315
Colorado Creek 51
COLT (105 E) 145
COLT (105 K) 179
COM (54-59) (105 B) 73
COM (115 I) 262
COMANCHE (115 I) 262
COMBO (115 I) 262,264
COMBS (105 D) 98
COMET (115 O) 285,298
Cominco Limited 24,33,37,40,41,164,293,300
COMSTOCK (105 M) 190
CON (105 D) 99,141
CON (105 K) 180
CON (116 B) 38
CONDIE (115 F/G) 239
CONE HILL (116 C) 315
Cone, S. 41,282
CONGDON (115 G) 233
CONNAUGHT (115 N) 285
CONNELL (105 F) 149,164
CONNIE (115 O) 301
Cook, J.T. 157
Consolidated Mining & Smelting Ltd. 157
CONWEST (105 L) 187,240
Conwest Exploration Co. Ltd. 239
COOKER (106 C) 206
COOT (116 G) 319
COP (105 F) 40,164
Copland, H. 89,146,182,264,268,272
Copland, R. 41,134
COPPER (116 A) 311
COPPER CLIFF (105 D) 100
COPPER KING (105 D) 99
CORAL-WIGWAM (105 M) 191
CORD (106 D) 209
Cordilleran Engineering 80
CORDUROY (105 E) 145
CORK (115 G) 233
CORN CREEK (COB) (106 C) 205
CORRIE (105 H) 171
Coster, I. 125,127,134,135
COSTIN (105 J) 177
COWARD (105 K) 179
COWLEY PARK (LINDA) 129
COWLEY PARK (SUE) (105 D) 100,129
COXALL (SUN) (105 F) 149,163
CPA (105 F) 149
CR (105 D) 99
CRAG (115 N) 282
CRAIG (105 D) 100
CRAIG (105 K) 183
CRAIG (106 C) 205,214
CRANBERRY (105 D) 100,142
CRAWFORD (116 B) 315
CRAZY (115 O) 298
CRE (105 B) 73
CREAM (95 E) 65
CREAM AND JEAN (105 M) 190
CREEK (105 D) 118
CREST (106 F) 219,220
Crest Exploration Ltd. 220
CRO (105 C) 98
CRO (105 D) 30,98,113
CROCKFIELD (115 J/K) 277
CROESUS (105 M) 191
Croesus Resources Ltd. 41,300
CRO-MUR (105 M) 191
CROMWELL (105 D) 97
CROOKED (115 P) 305,308
CROSSING (115 I) 262
CROST (105 E) 145
CROWN (105 K) 179
CROWN GRANTS VICTORIA (115 O) 290
CRUIKSHANK (115 O) 285
CUAG (GOLD BOTTOM) (115 O) 285,286
CUB (105 D) 99,121
CUB (105 K) 179
CUB (115 B) 229
CUB & BUNNY (105 M) 191
Cub Creek 229
Cuevas, D. 317
CULLEN (115 O) 286
CUNG (116 H) 321
CUP (105 D) 99
Curley, E. 274
Curragh Resources Inc. 13,15,40,180,183,184
CUS (106 E) 217
CUTOFF (105 D) 97,139
CUZ (95 D) 63
CYLINDER (116 H) 321
CYPRIOT (115 A) 225
CYPRUS (115 I) 262
Cyprus Anvil Mining Corporation Ltd. 13
Cyprus Metals (Canada) Ltd. 220
CYR (105 G) 167,168

D. BURKE (106 D) 210
D.C. Syndicate 269
Dago Hill 19
Dail Creek 127
Dalbianco, R. 41,147
DALE (105 B) 72
DALE (116 A) 311
DALL (105 O) 197
DALTON (115 A) 225
DAMBUSTER (105 L) 187
DAN (106 C) 205
DANA (105 K) 179
DANGER (105 F) 149
DARB (115 I) 274
DART (105 B) 39,84
DART (115 I) 36,263
DAS (116 B) 316
DAVE (105 E) 146
Davidson, G. ..76,78,102,109,110,119,156,162,253,28
Davis, H. 165
Davis, O. 32,140,147
DAWG (116 B) 316
DAWN (105 D) 98
DAWSON (115 O) 286,296,301
Dawson 24
Dawson Charlie Creek 125
Dawson Eldorado Mines Ltd.13,17,24,25,37,42,289,290
Dawson map-area 315
Dawson Mining District 56
Dawson Range 23,51
Dawson Syndicate (1983) Exploration Ltd. 296
Dawson, W. 41,42,300,301
DAWSYND (115 O, 116 B) 286,296
DAY (105 D) 39,141
DAYIR (105 D) 98
DB (105 C) 87
DC (105 H) 171
DD (115 I) 266
DDH (105 D) 117,119,122
DE (115 O) 290
DEA (106 C) 205
DEADMAN (105 C) 87
DEAL (106 D) 210
DEAN (105 N) 195
DEB (105 D) 98
DECOELI (115 A) 225,226
DEEK (95 C) 61
DEET (105 E) 145
DELIA (115 N) 287
Delta Geoscience Ltd. 211
DEM (116 B) 316
Dennet, J. 64
DESTRUCTION (115 G) 233,235
DEV (105 K) 180
DEVILHOLE (115 A) 225
Devlin, J. 121
DEVON (105 M) 191
Dezadeash map-area 225
DF (106 C) 205
DG (105 H) 172
DG (105 K) 180
DHW (105 D) 100
DIAL (115 G) 252
DIAMOND (105 M) 191
DIANNE (105 I) 175
DIC (115 I) 263
DICKSON (115 G) 233
Dickson, G. 36,274
Dickson Hill 116
DILL (105 B) 73
DIM (105 H) 171
DINGO (115 H) 259
DIO (105 D) 142
Dionne, L. 40,192
DIRK (105 F) 149
DISCOVERY (115 F/G) 245
Discovery Mines Ltd. 36
Discovery Zone 245,247
DIVIDE (105 M) 191
DIVIDE (115 I) 262
DIVISION (115 H) 257
DIXIE (105 M) 191
DJ (106 C) 206
DK (105 B) 39,74,75,83
DK (95 D) 63
DL (115 O) 286
DLG (105 E) 147
DN (115 O) 290
DOBBY (106 C) 205
DODGE (105 H) 171
Dodge, J. 88
Dodgex Ltd. 88,164,259
DODY (105 F) 149
DOG (106 E) 212
DOGS (115 F) 34,241
Doherty, R.A. 51,97,98,99,100,126
DOL (105 G) 167
DOLE (115 N) 287
DOLORES (106 C) 205
DOM (115 O) 286
DOME (105 B) 72
DOME (115 I) 263.266
DOMINION (115 O) 285,300
Dominion Creek 20,56
Dominion Explorers Inc. 40,183,274
DON (105 C) 87
DON (115 G) 40,234,254
DONJEK (115 G) 35,239
DONKEY (105 D) 97,98
DOORMAT (115 N) 286
DOPE (105 M) 191
Doron Exploration Ltd. 40,137,142,294,299
Doorwood, F. 259,302
DOT (TEL) (105 K) 179
DOUG (105 D) 100,141
DOUG (105 H) 167
DOWS (115 I) 263,274
DOYLE (115 J) 277
DRAGON (105 J) 177
DRAGON (105 M) 190
DRESEN (106 D) 209
DRILL (105 D) 99
DRILL (105 M) 191
DRN (115 G) 254
DROC (105 F) 150
DRURY (105 L) 187
DRY (105 C) 87
DTS (106 E) 217
DU (105 B) 73
DUB (105 G) 167
DUBLIN GULCH (106 D) 56,209
Dudka, S. 41.300.301
DUENSING (115 F) 233
DUGDALE (105 D) 97
DUFFY (95 C) 61
DUK (115 G) 252,254
DUKE (115 G) 34,40,233,249
Duke River Fault 50,230
DUKE SOUTH (115 G) 234,254
DULUTH (115 B) 229
DUN (105 M) 40,192
DUNCAN (105 M) 190
DUNCAN CREEK (105 M) 191
DUNE (106 C) 205
DUNK (105 D) 98,140
Dunvegan V.G. Syndicate 39,92,139,143
DUO (105 L) 187
DUR (115 I) 263
DUST (105 D) 99
Dvorok, Z. 290,298
DWA (115 G) 35,253
DWARF (115 G) 233,253
DWONK (105 G) 167
DY (105 K) 180
DY (115 I) 263
DYAK (105 J).... 177
DYKE (116 G) 319

E.M. Flynn 248
EAGLE (105 F) 39,83
EAGLE (TINTINA) (105 G) 167
EAGLE (FRED) (105 G) 167
EAGLE (105 M) 190
EAGLE RIVER (116 I) 325
EAGLE (116 I) 325
Eagle River map-area 325
Eaglet Mines Ltd. 111,130
E&B Exploration Ltd. 113,114
EARL (105 D) 31,100,133
EAST C (115 G) 234
EAST RIDGE (105 B) 78
EAST RIDGE (115 P) 305
East Zone 76,131,132,160
EATON (106 D) 209
Eaton, W.D. 64,212,230,240,241
....249,250,258,266,268,307
ECONOMIC (106 B) 203
ED (105 B) 39,83
ED (105 C) 87
EFFIE (105 D) 97
EG (106 C) 205
EIRA (106 C) 206

EKO (GREEN STUFF) (105 H) 171
EL (105 G) 167
EL (115 G) 41,252
ELBOW (116 G) 319
Eldorado Creek 290,293
ELDORADO DOME (115 O) 286
Eldorado Placers 20
ELECTRIC (105 G) 167
ELEPHANT (115 I) 37,263,264,265
ELEVENTHIRTY (115 G) 233
ELGEA (106 C) 205
ELGIN (115 A) 225,226
ELLE (105 B) 73,82
ELLEN (115 A) 226
ELLIOT RIDGE (106 D) 209
ELLIS (106 D) 209
ELSA (105 M) 13,40,191,192
ELSE (105 D) 100,141
EMERA (105 O) 195
EMERALD (105 O) 195
EMILY (105 A) 67
EMMONS HILL (115 I) 36,262
EMMY (105 O) 197
Emond, D.S 49,50
Empey, R. 254
EMPRESS OF INDIA (105 D) 99
EMPTY (105 J) 177
ENCHANTMENT (115 N) 285
END (105 L) 187
ENGLE (105 E) 147
ENOF (105 E) 145
Enyedy, R. 147
EPD (115 P) 305
EPIC (115 F) 233
ERA (105 D) 99,121
ERGE (105 D) 98
ERIN (106 D) 209
ERL (115 I) 263
ERN (105 D) 31
ERN (105 E) 145
ERN (105 K) 182
EROS (105 F) 32,150,160,164
ESANSEE (115 I) 263,273
Esansee Explorations Ltd. 268
ESS (105 O) 195
ESS (106 D) 34,210
Esso Minerals Canada 37,287
ESTER DNA (115 O) 290
ETC (116 B) 316
ETHELDA (116 C) 315
ETTE (105 C) 100
ETTE (105 D) 142
ETZEL (105 N) 195
ETZEL (105 O) 197
EUGENE (115 G) 35,40,238,252
EVA (105 F) 149
EVA (105 K) 180
EVE (105 C) 89
EVE (105 F) 32,40,160,164
EVIEW (105 D) 98,119
EVING (115 O) 286
EWING (115 I) 262
EXCELSIOR (115 O) 285
Exploration Incentive Program 55
EYE (105 D) 119
EYM (115 I) 37,263
Ezee Golds Ltd. 40,182,183

F (115 O) 290
F2 (105 F) 149
F3 (105 F) 149
F4 (105 F) 150,164
F6 (105 F) 150,164
FACE (105 D) 99,141
FACE (106 D) 210,213
FAIRCHILD (106 C) 205
Fairfield Minerals Ltd. 24,25,29,33,40
.... 56,80,84,154,163
FAITH (105 M) 190
FAL (105 O) 197
FALCON (105 D) 100
FALCON (105 F) 150,154
FALL (105 B) 73,84
FALSE (105 A) 67
FAN (105 D) 97
FANCY (106 D) 210
FANIN (105 D) 99,141
FARGO (105 K) 179,183
Faro 13
FARO (105 K) 13,14,179
Faro Mine 13,14,15
FAST (105 I) 175
FAWCETT (WEST) (115 O) 285,286,292,300,301
FED (115 I) 263
FEEBLE (105 M) 191
Fekete, M.A. 79
FELIX (105 L) 187
Fendrick, R. 147
FENTON (115 A) 225
FER (105 F) 150
FERGUSON (115 A) 225
Fersovich, M. 214
FETCH (105 O) 197
FETISH (105 G) 167
FFR (115 I) 274
FH (JOE) (105 G) 167
FIBRE (116 B) 315,317
FIDDLER (105 B) 72,75,83
FIELD (115 I) 35,263,271
FIF (116 B) 315
FIFTEEN MILE (116 B) 315
FIFTY (115 N) 285,300
FIN (105 H) 171
FINGER (105 D) 97
Finlayson Lake map-area 167
FIONA (115 P) 305
FIR (115 F/G) 248
FIRE DEVIL (115 P) 308
FIRESTONE (115 P) 308
FIREWEED (106 D) 210,214
FIREWEED (116 B-C) 315
FIRST (105 F) 149
FIR TREE (105 H) 171
FISH (115 O) 41,300
FISHER (105 M) 190
FISHHOOK (105 K) 179
FISHING BRANCH (116 J) 325
FISH LAKE (105 D) 98
FIVE FINGERS (115 H) 262
FLAGSTONE (105 K) 179
FLAT (105 D) 98,140
FLATASA (105 N) 195
FLEMING (105 D) 97
Fletcher, M. 302
Flex Zone 23
FLIN (105 G) 167
FLIP (MTB) (105 H) 171
FLOAT (105 E) 145,147
FLON (105 G) 167
FLUKE (105 H) 171
FLUME (115 N) 285
FLUNK (106 E) 217
Flynn, E.M. 248
FOG (105 G) 167
FOG (105 O) 197
FOG (115 J) 277,281
FOG MOUNTAIN (105 E) 145
FOHU (106 D) 210
FOO (105 K) 180
FOR (115 I) 263
FORBES (106 D) 209
FORD (106 D) 209
FORMO (YUKENO) (105 M) 190
FORSTER (MST) (106 E) 217
FORSURE (105 C) 87
Fort Collins 51
Forty Mile Ltd. 56
Fortymile area 56
FOSTER (115 I) 262
FOTHERGILL (115 O) 285
FOTO (105 K) 179
FOUND (106 D) 209
FOUR-F (105 D) 131
Fowler, B.P. 77
Fowler, W. 101,102
FOX (105 D) 40,100,134,139
FOX (105 F) 149,154
FOX (105 K) 179
FOX (105 M) 191
FOX (115 I) 263
FOX (115 O) 41,286
Fox Creek 157
FOXY (115 N) 286,302
FOXY (116 C) 315
FR (105 B) 77
FR (105 D) 107
Frame, C. 13
FRAN (106 D) 209
Frances Lake map-area 171
Fraser, M. 42,317
FREBRU (115 J) 282
FREEDOM (105 D) 100,141

Freegold Venture ... 272
FREGERG (105 G) ... 167
FREISEN (105 M) ... 190
French Gulch ... 290,298
FRESNO (116 B) ... 316
FROG (115 I) ... 262
FROGGY (116 B) ... 316
FRONT (105 L) ... 187
FUD (105 K) ... 183
FULLER (105 J) ... 177
FUN (105 O) ... 197
FUN (106 C) ... 205
FUR (105 B) ... 73
FURY (105 F) ... 33,149,159
FW (115 F/G) ... 239
FYIQ (95 E) ... 65
FYRE (105 G) ... 167

G (115 G) ... 253
GABE (95 D) ... 63
Gabrielse, H. ... 50,63,67
GAL (105 L) ... 187
GAL (106 C) ... 205
GALKENO (105 M) ... 191
GALLOPING (115 F) ... 233
GAMBLER (105 M) ... 191
GAMMON (105 D) ... 98
GANT (115 P) ... 306
Garagan, T. 90,91,107,113,114,120,131-133,136
Gardner, G. ... 141
GARLIC (115 F) ... 233,252
GARRETT (105 B) ... 74
Gavin, W. ... 301,317
Gay Gulch ... 293
Gaymont Prospecting Symdicate ... 229,230
GE (105 A) ... 67
GE (105 D) ... 100,143
GE (105 L) ... 187
GEE (105 D) ... 98
GEE (105 G) ... 167
GEF (116 B) ... 316
GEL (105 H) ... 172
GEM (105 D) ... 100,128
GEM (105 E) ... 145
GEM (105 F) ... 33
GEM (105 M) ... 191
Genoe, W. ... 41,300
Genton, P. ... 84
GENTRY (106 C) ... 205
GEORDIE (106 C) ... 205
Geovista Gold Corp. ... 125
GEP (115 J) ... 277
GERM (105 E) ... 145
GERMAINE (116 B) ... 315
GERTY (115 G) ... 253
Ger Van Resouces Ltd. ... 41,282
Getty Resources Ltd. ... 25,80
GIANT (NAVAJO) (115 I) ... 262
Giant Resources Ltd. ... 13
GIBBONS (115 B) ... 229
Gibbons, C. ... 34,239,245
GIG (116 G) ... 319
GILDERSLEEVE (106 C) ... 205
GILL (105 D) ... 40,99,140
GILLESPIE (106 C) ... 205
GILTANA (115 H) ... 257
Giroux, G.H. ... 247
GIT (115 N) ... 286.301
GK (105 F) ... 150
GLADYS (105 C) ... 87,92
GLEE (105 D) ... 30,100
GLEN (105 B) ... 73
GLEN (106 C) ... 206
GLEN (115 G) ... 233,252
GLENLIVET (105 D) ... 31,98,120
GLENLYON LAKE (105 L) ... 187
Glenlyon map-area ... 187
GLENNA (105 H) ... 171
GLORY (105 C) ... 92
Glynn, M. ... 39,40,141,142,192,254
GMC (105 D) ... 100
GMC (105 E) ... 145
GOAT (105 B) ... 73
GOAT (105 F) ... 150
GODDELL (105 D) ... 97,105
GOLCONDA (105 D) ... 97
GOLD (115 P) ... 305
GOLD BOTTOM (115 O) ... 286
GOLD STAR (115 I) ... 23,36
GOLDEN DREAM (115N/O)... 289
Golden Nevada Resources ... 25.33
Golden Pavillion Resources Ltd. ... 24,32,151
GOLDEN ROD (115 O) ... 285
Goldex Resources Inc. ... 29,74
GOLDPAN (105 D) ... 106
GOLD ROCK (105 M) ... 191
GOLD RUN (115 N/O) ... 285
Gold Run Creek ... 19
GOLD HILL (105 D) ... 97
GOLD HILL NO.2 (105 M) ... 191
GOLD QUEEN (105 M) ... 190
GOLD REEF (105 D) ... 97
Gold Run Creek ... 299
Goldsmith, L.B. ... 306
GOLD STAR (115 I) ... 263
GOLDY (115 I) ... 263,274
GOLF (105 N) ... 195
Gonder, D. ... 147
Gonzales, R.A. ... 51,290,298
GONZO (105 G) ... 167
GOODMAN (AL) (106 C) ... 205
GOPHER (105 F) ... 149
GORD (105 E) ... 145
Gordey, S.P. ... 50,175
GORDON (105 M) ... 190
GORDON (116 B) ... 316
Goring, A.W. ... 212
Gorjanc, M. ... 214
GOULTER (115 I) ... 23,36,56,262
Gourlay, A. ... 111,118,130
Goutier, F. ... 51
GOZ CREEK (106 C) ... 205
GP (105 F) ... 150
GRA (105 B) ... 77
GRACE (115 G) ... 253
GRACE (116 A) ... 311
GRAF (105 L) ... 187
GRAFTER (105 D) ... 98,128,129
GRAND (105 F) ... 33
GRAND (105 K) ... 182
Grand Forks ... 298
Granger, R.A. ... 269,270,273,274
GRANITE MOUNTAIN (115 I) ... 262
GRANT (105 D) ... 100
Granville Joint Venture ... 19
GRAPS (116 B) ... 316
GRASS (105 G) ... 167
GRAVE (116 B) ... 315,317
GRAY (105 D) ... 30,107
GRAY (105 F) ... 150,151
GRAY (106 D) ... 209
Gray, M. ... 40,165
GRAYLING (105 F) ... 149,154
GREEN (115 A) ... 40,226
GREEN GULCH (115 O) ... 286
Green, L.H. ... 72,177,179
GREEN STUFF (105 H) ... 171
Green, W. ... 239
GREG (105 F) ... 163
GREG (115 G) ... 41,253
GREGGIE (105 J) ... 177
GREMLIN (106 E) ... 217
GRENIER (115 I) ... 262
GREW (105 F) ... 149
Grew Creek ... 25
GREW CREEK (CANYON) (105 K,F) 33,180,182,182
GREY COPPER HILL (106 D) ... 209
GRIZZLY (105 C) ... 87
GRIZZLY CUB (105 D) ... 100
GRONK (105 D) ... 97
GROUNDHOG (105 F) ... 33,149,156,157,163,164
Groundhog Creek ... 24,156
GROUSE (105 D) ... 98
GRUM (105 K) ... 13,15,179
Grunenberg, P. ... 290,298
GSTD (106 E) ... 217
GUAJALOTTE (105 D) ... 99
GUANO (105 F) ... 149,160,164
GUCH (116 C) ... 316
GUDER (115 I) ... 263
Guder Creek Fault ... 265
Guder, P.F. ... 255
GUESS (115 J) ... 277
GULCH (116 B) ... 316
GULCH (105 D) ... 99
GULL (105 B) ... 73
GULL (105 F) ... 150
GUM BEE (105 A) ... 67
GUN (105 J) ... 177
GUNSIGHT (105 C) ... 87
GUS (106 C) ... 205
GUSTAVUS (105 M) ... 190

GUSTY (95 D) ... 63
GUY (105 G) ... 167
GUY (105 H) ... 171
GWAIHIR (106 D) ... 209
GYP (105 G) ... 167
GYPSY (116 C) ... 317
GYR (105 F) ... 149

H. Coyne & Sons Ltd. ... 164
H.P. Holdings Ltd. ... 156
H (PEAK) (105 F) ... 149
HACHEY (105 L) ... 187
HAIL (106 D) ... 210
Hakansson, B. ... 301
HAL (105 E) ... 145
HAL (105 D) ... 39,141
HAL (105 K) ... 179
HALE (116 B) ... 316
Halferdahl, L.B. ... 41,252
Halfbreed Creek ... 235
HALIFAX (116 B) ... 316
Hall, B. ... 40,151,165
Halonen, L. ... 214
HAM (105 F) ... 149
HAM (115 O) ... 286
HAMILTON (MIKE) (116 A) ... 311
Hammer Zone ... 75,76
HANK (105 L) ... 187
HAR (115 N) ... 41
HARDTACK (105 B) ... 29,72
HAREM (115 O) ... 286,301
HARIVAL (116 I) ... 325
Harjay Explorations Ltd. ... 41,253,254
HARMAN (105 G) ... 167
HARNIAK (105 D) ... 98,139
Harper, N. ... 41,308
Harris, B. ... 41,252,274
Harris, G. ... 36,41,119,254,280
HARRISON (106 C) ... 205
Hart, C. ... 51,264,274
HART RIVER (116 A) ... 311
Hart River map-area ... 321
HARVEY (105 L) ... 187
Hartley, G. ... 301
HASL (115 J) ... 277
HASTEN (105 O) ... 197
HATCH (115 H) ... 257
HATTIE (116 B) ... 315
HAVI (105 D) ... 127,128
Havilah Gold Mines Ltd. ... 30,107,121,131
HAWHORNE (115 P) ... 305,306,308
HAWK (105 H) ... 171
HAWK (115 O) ... 38,286,296
Hawkins, P.A. ... 77
HAXE (115 J) ... 277
HAY (115 I) ... 41,269,274
HAYDN (105 F) ... 149,163
HAYES (115 I) ... 269
HAYES (115 J/K) ... 277
HAYES PEAK (105 C) ... 87,92
HAY MEADOW (116 B) ... 315
Haynes, L.R. ... 61
HAYSTACK (115 O) ... 285
HEAD (105 B) ... 74
HEALY (116 B) ... 315
HEART (105 M) ... 191
HEATHER (95 E) ... 65
HEAVY METAL (105 D) ... 124
HEC-TOR (115 N) ... 286
HECTOR-CALUMET (105 M) ... 191
HEFFRING (115 O) ... 285
HEIDI (116 H) ... 321
HEK (105 K) ... 179
HELEN (105 H) ... 171
HELEN FRACTION (105 M) ... 191
HELL (105 K) ... 180,192
HELO (105 F) ... 150,165
HEN (115 J) ... 278
HENCH (105 J) ... 177
HENDRY (DTS) (106 E) ... 217
Herbertz, H. ... 308
HERPES (95 D) ... 63
HESS (105 O) ... 197
Hess River ... 25
Hester Creek ... 298
HI (105 B) ... 39,38
Hibbing, H. ... 84
HIDDEN (PONT B) (105 B) ... 72,83
HIDDEN (105 F) ... 150
HIG (105 E) ... 145
HIGHLANDER (105 M) ... 191
Highet Creek ... 306
HIGH GRADE (105 F) ... 156
High River Resources Ltd ... 32,153
HIK (115 H) ... 257
HIKE (105 M) ... 191
HILCHEY (115 O) ... 285
HILL (115 N) ... 286
HILLSBOROUGH (115 O) ... 292
HILLTOP (115 I) ... 263
HIT (105 B) ... 74
HIT (115 N) ... 286
HITCH HIKER (105 H) ... 171
Hitchins, A C. ... 67
HIW (115 I) ... 266
HJ (115 A) ... 40,226
HL (105 B) ... 73
HL (106 D) ... 209
HLAVAY (115 I) ... 263
HO (105 D) ... 99
HOBO (115 P) ... 41,305
HODDER (105 L) ... 187
Hodgson, C.J. ... 153,158,159,161
HOEY (F2,F3) (105 F) ... 33,149
HOFFMAN (116 A) ... 311
HOG (105 F) ... 40,150,156
HOGAN (105 M) ... 190
Hogan, J. ... 143
HOGE (115 G) ... 233
HOGG (105 F) ... 149,165
HOGIE (95 E) ... 65
HOIDAHL (117 A) ... 326
Holcapek, F. ... 321
HOLE (115 J) ... 277
HOLLIDAY (105 B) ... 72
HOLLY (105 K) ... 179
HOLLY (116 C) ... 316
HOME (106 F) ... 219
HOMESTAKE (105 M) ... 190
HOO (105 G) ... 167
HOOCHEKOO (115 I) ... 262
HOOLE (105 G) ... 40,167,168
HOOLEO (105 F) ... 150
HOOT (105 E) ... 145
HOOTALINQUA (105 E) ... 145
HOPE (105 F) ... 33
HOPE (115 A) ... 34,40.226
HOPE (115 N/O) ... 286
HOPKINS (ML) (115 H) ... 257
Hopkins, D. ... 172
HORN (105 O) ... 197
Horiuchi, M. ... 143
HORN (105 B) ... 83
HORN (105 D) ... 101
HOSER (95 D) ... 63
HOT (105 B) ... 73
HOT (116 A) ... 111
HOT (116 B) ... 316
HOT SPRINGS (105 M) ... 190
HOWARD'S PASS (105 I) ... 175
HOWDEE (105 G) ... 167
HOWRU (105 F) ... 150
Hoymann, K. ... 50
HR (105 F) ... 32,153
H2O (105 D) ... 139
HUB (105 L) ... 187
HUD (116 B) ... 316,317
HUDSON (105 G) ... 167
Hudson Bay Exploration and Development Co. Ltd. 82
Hudson Bay Mining and Smelting Co. Ltd. ... 129,137
Hudson, K. ... 317
Hudson-Yukon Mining Co. Ltd. ... 26,35,254
HUESTIS (115 I) ... 262,266
HUGH (105 L) ... 187
Hulstein, R. ... 125
HUMP (115 F) ... 233
HUN (105 A) ... 67
HUN (115 O) ... 38
HUNDERE (105 A) ... 29,67,69
HUNG (115 O) ... 286
HUNGRY (116 C) ... 315
HUNK (115 O) ... 24,38,286
Hunker Creek ... 298
HUNKER DOME (115 O) ... 285
HUNTER (105 B) ... 79,80
HUSKY (105 M) ... 13,191
HUSKY (115 A) ... 225
HUSKY SW (105 M) ... 13,191
HV (105 F) ... 156,164
HYLAND (105 A) ... 67
Hyland Gold Joint Venture ... 64
Hylands, J. ... 80,154

I (115 G) 234,247
I (105 B) 73
ICE (105 B) 83
ICEFIELD (115 F) 233
ICHIE (105 D) 98
ICP Ltd. 56
ICT (115 I) 266
ID (116 B) 316
IDA (116 A) 41,311,312
IDAHO (105 B) 72
IDAHO (115 J) 277
IGLE (105 F) 150
IGOR (106 E) 217
IKE (115 G) 253
ILLIA (105 D) 98
ILLUSION (105 E) 145
IMP (105 D) 98
INCA (105 O) 197
INCO (105 D 98,131,132
INDEX (116 B) 315
INDIAN (115 O) 285
Indian River 19
INGRAM (105 D) 97
INGS (105 G) 167
Intermontane Belt 146
IOLA (105 F) 149
IRENE (105 G) 167
IRENE (106 E) 217
IRISH (115 O) 41,300
IRMA (105 K) 180
IRONCLAD (105 M) 190
Iron Creek 221
IRON CREEK (105 C) 87
IRVINE (105 B) 72
ISABEL (105 M) 191
ISLAND (105 D) 107
Island Mining and Exploration Company Ltd. 56,107
ISSAC (115 J) 277
ITSI (105 J) 177
ITTLE (115 H) 257
IV (115 G) 244
IVAN (DANA) (105 K) 179
IVO (95 E) 65

J.A.E. Resources 41,302
J. BILL (115 I) 263,266,269
J.C. (VIOLA) (105 B) 72
J.K. (105 O) 197
J.T. (106 D) 209
JA (105 D) 100,142
JA (116 B) 38
JA-P (105 B) 74
JABBERWOCK (115 P) 305
JACKALOO (105 C) 87
JACKPOT (115 A) 225
Jackson Cut 19
JACOB (105 B) 74
JACOLA (105 K) 179,183
JACQUOT (115 G) 233
JAKE (105 G) 167
JAM (106 C) 206
JAN (105 H) 171,171
JAN (115 G) 41,252
JAN (115 O) 301
JANE (105 M) 192
JANE (106 D) 213
JANE (116 H) 321
JANISIW (115 H) 257
JAQ (115 G) 252
JAR (105 L) 187
JARVIS (115 B) 229
JASON (105 O) 195
JAVA (105 D) 98
JAY (105 B) 74
JAYBEE (115 P) 305
JAZ (106 D) 210
JB (105 D) 100
JD (105 F) 149
JDX (105 F) 149
JEAN (105 D) 97
JEAN (95 D) 63
JEAN (116 B) 315
JEANETTE (106 E) 217
JECKELL (116 B) 315
JEE (106 D) 209
JEF (105 B) 79
JEF (105 F) 40,160,164
JEFF (105 F) 156
JEFF (105 O) 197
JEFF (115 I) 51,266
JEK (115 G) 35,41,240,252
JENNIFER (115 B) 229
JEPHSON (116 C) 316
JERI (95 D) 63
JEROME (116 B) 315
JESSICA (105 F) 32,151,152,163
JILL (105 D) 140
JILL (105 F) 156
JILL (115 N) 41,286,301
JILL (115 A) 225
JIM (105 B) 39,83,84
JIMBO (115 H) 257
JJ (105 D) 99,125
JK (115 J) 277,282
JL (105 D) 107
JMT (105 D) 99
JN (105 F) 157
JOAN (105 E) 145,147
JOANNE (115 I) 266
Jobin, J. 40,139
JOE (95 D) 63
JOE (105 G) 167
JOE (105 K) 180
JOE "1" (116 B) 316
JOE PETTY (105 D) 99
JOHN (105 B) 74
JOHN (105 E) 145
JOHN (116 H) 321
John, A. 184
Johnny, A. 42,317
Johnston, S. 50
JOHOBO (115 A) 225
JOLLY (106 C) 206
Jones, J. 142
JOSE (95 E) 65
JOSEPHINE (115 P) 305
JOUMBIRA (105 M) 190
JOVE (115 N) 286
JOY (105 N) 195
JOY (115 P) 41,305,308
JR (105 F) 157
JT (95 D) 63
JUBE (105 C) 87
JUBILEE (105 D) 97
JUBJUB (115 P) 305
JULIA (105 H) 171
JUMPONT (105 L) 187
JUNE (105 M) 192
JUNO (115 G) 248
Jury, R. 301
JUSTON (105 K) 183
JWM (105 K) 183

KAC (105 M) 191,192
Kachnic, T. 213
Kallock, P. 306
KALZAS (105 M) 190
KANE (115 A) 225
KANGAROO (105 K) 179
KASKAWULSH (115 B) 229
KATHLEEN (106 D) 209
KATHY (106 D) 210
KATHY (116 B) 317
Kavanaugh, P.M. 311
KAY (105 F) 149
KD (105 K) 180
KEELE (105 O) 197
KEEWENAN (105 D) 100
KEGLOVIC (HAL) (105 K) 179
KEL (115 A) 225
Kelhert, B. 183
KELLI (115 G) 234.253
KELLY (105 L) 187
KELSEY (105 K) 40,183
KEN (105 O) 197
KEN (106 F) 219
KEN (115 I) 263
Kennecott Exploration Ltd. 114
KENNEDY (115 G) 233
Keno Hill 23
Keno Hill District 211
KENO 700 (105 M) 13,190
KENTUCKY (115 O) 300
KENTUCKY LODE (115 O) 285,286,300
KENTUCKY WEST (115 O) 286
Kenyan, M. 295
KEPT (116 F) 319
KERNS (105 B) 72
KERR (115 I) 262
Kerr Addison Mines Ltd. 23,30,35,117,238,281
KET (105 F) 149,153

KETZA (105 F) ... 32,153,162,163
KETZA KEY (105 F) ... 149
KETZA RIVER (BOOM,KON) (105 F) ... 13,14,15,17,24 ... 33,149,153,163
Ketza River ... 17,23
Ketza-Seagull District ... 50
KEVIN (115 O) ... 286,301
KEY (105 B) ... 39,84
KEY (105 F) ... 32
KEY (115 O) ... 37,41,286,287,301
KEY MOUNTAIN (BARB) (106 C) ... 205
KEYNOTE (115 O) ... 286
Keyser, H. ... 88,123,124,127,131,296
KEYSTONE (116 B) ... 315,317
KEY 3 (105 F) ... 149
KH (115 O) ... 286
KID (105 D) ... 31,100,139
KID (95 C) ... 61
KID (115 A) ... 225
KIDD (105 N) ... 195
KIDNEY (106 C) ... 205
KIJO (105 M) ... 191
KIL (115 H) ... 257
Kilby, M. ... 40,192
KIM (105 D) ... 100,103
KIM (105 K) ... 179
KIM (115 N/O) ... 41,289
KIM (116 B) ... 316
KIMBERLEY (115 B) ... 229
KIMI (KIM) (116 B) ... 316
KIN (115 H) ... 257
KIN (115 O) ... 38,41,300
KING (106 D) ... 210
KING (115 I) ... 263
KING ARCTIC (105 H) ... 171
KING LAKE (105 D) ... 98
KIPS (115 O) ... 300
KIR ((105 D) ... 100
KIRK (115 H) ... 257
KISS (106 D) ... 210
KITCHEN (105 C) ... 87
KITL (116 B) ... 316
KITZA (115 I) ... 263,274
KIWI (116 B) ... 315
KLATHRO (115 O) ... 286
KLAW (115 N/O) ... 289
KLAZAN (115 I) ... 262
Klaza Zone ... 268
Klein, J. ... 292
KLETSAN (115 F) ... 233
Klippert, C. ... 308
KLONDIKE (116 B) ... 56
Klondike area ... 19,24,47,50,51
Klondike Gold Mining Corp. ... 300
Klondike River ... 19,298
Klondike Underground Mining Ltd. ... 20
KLONDYKE-KENO (BLUE ROCK) (105 M) ... 24,191
KLOO (115 A) ... 225,226
KLOOK (115 O) ... 286
KLOT (115 J) ... 277
Klotassin Batholith ... 295
KLU (115 G) ... 35,41,56,237,252
Kluane Joint Venture ... 26,237,238,239 ... 241,242,245,250
Kluane Lake ... 51
Kluane map-area ... 233
Kluane Range ... 23,25,49,248
KLUKSHU (115 A) ... 225
KLUNK (105 A) ... 67
KM (115 F) ... 254
KNEIL (105 H) ... 171
KNOB HILL (105 D) ... 97
KNUCKLE (106 D) ... 210
KODIAK (105 B) ... 72
KODIAK CUB (105 D) ... 100,128,129
KOE (115 J) ... 277,278
KOHSE (106 C) ... 205
KOIDERN (M) (115 F) ... 233
KOKUP (115 J) ... 278
Kolebe, W. ... 192,214
KOMISH (95 E) ... 65
KON (105 F) ... 32,33,40,149,153,159,163
Konservative Placers ... 56
KOOK (CAR) (115 I) ... 262
KOPINEC (105 F) ... 149
Kopp, T. ... 139
KR (105 B) ... 74
KRAUSE (116 C) ... 315
Kreft, B. ... 139,142
Kreft, F. ... 139,140,142,147
K33 (105 F) ... 150
KTMR (116 C) ... 316
KUBIAK (105 B) ... 72,83
KUKU (105 D) ... 30,119
KUL (115 B) ... 229
KULAN (105 K) ... 179
KUSAWA (115 A) ... 225
KZ (116 G) ... 319

LABE (105 D) ... 98
LABELLE (95 E) ... 65
LABERGE (105 E) ... 110,145,146
Laberge map-area ... 50,145
La Biche River map-area ... 61
LAD (105 K) ... 179,181
LADUE (115 N) ... 285
LADUE FRACTION (105 M) ... 196
LADY (116 B) ... 42,298
LADY DI (105 K) ... 180
LAF (105 D) ... 107
LAFORMA (115 I) ... 262
LAKE (105 B) ... 39,84
LAKE (105 D) ... 98,139
LAKE (105 F) ... 33
LAKE (105 M) ... 191
Lake Zone ... 17,19,116
Lammle, C. ... 39
LAN (105 H) ... 171
Langdon, M. ... 269
Landsman, K. ... 92
Langevin, P. ... 231
Lansing map-area ... 195
LAP (105 F) ... 150
LAP 10 (105 F) ... 149
LAPIE (105 F) ... 149
Lapie River ... 157
LAR (105 K) ... 183
LARK (106 D) ... 34,40,213
LARPO (115 I) ... 263
Larsen Creek map-area ... 311
LASS (115 O) ... 286
LAST (95 D) ... 63
LAST (105 F) ... 149
LATER (105 D) ... 98
LATREILLE (105 D) ... 97,139
LAURA (106 F) ... 219
LAURA (115 I) ... 266
LAVALEE (105 D) ... 98
LAW (115 O) ... 38,292,300
LAWRENCE (116 B) ... 315
LAYSIER (105 M) ... 190
LB (105 B) ... 74
LEACH (105 G) ... 167
LEAF (105 O) ... 197
LEAH (106 C) ... 205
LEAPER (105 F) ... 150,154
LEARY (106 C) ... 205
LeBarge, B. ... 49
Lebedoff, L. ... 265,274
LEDUC (116 C) ... 315
LEE (105 B) ... 39,84
LEE (105 H) ... 171
Lee, G. ... 37,41,302
LEEN (106 D) ... 210
LEETEE (105 M) ... 191,192
LEGAL TENDER (105 D) ... 30,97,107,109
LEN (105 L) ... 187
LENA (105 B) ... 72,76,84
LEO (105 M) ... 191
LEOTTA (115 O) ... 285
LEP (115 F) ... 233
LEP (116 A) ... 311
LEPINE (116 B) ... 315
Lerner, J. ... 269
LES (105 D) ... 118
LESLIE (115 J) ... 277
LETA (115 I) ... 263
LEWES RIVER (105 D) ... 97,122,130,138,146
LEWIS (115 P) ... 305
Lewis Creek ... 235
LEX (106 D) ... 213
LFV (106 C) ... 205
LGCS (115 I) ... 269
LH (105 J) ... 177
LIBERAL (105 J) ... 177
LIBERTY (115 F) ... 34,233,252
LICK (105 B) ... 73
LIL (115 I) ... 262
LIL (115 O) ... 286
LILLIAN (105 D) ... 100
LIME (105 D) ... 97
Limited Partnership ... 295

LIN (117 A) 326
LINDA (105 D) 130
LINDA (115 G) 35,233,237,252
Linda Creek 237
LIND (105 H) 171
LINDSAY (105 C) 87,92
LING (105 A) 67
LINGHAM (106 D) 209
LION (115 H) 255
LISA (105 C) 87
Listed Ventures Inc. 76,84
LITTLE CHIEF (105 D) 97
LITTLE MOOSE (105 B) 73
LITTLE SALMON (105 L) 187
LIV (105 A) 67
Liverton, T. 74
Livingstone Creek 47
LIZ (105 B) 29,74,79
LJB (115 P) 305
LLOD (116 I) 325
LLOYD (115 O) 285
Lloyd, J. 130
LOBO (95 D) 63
LOBO (105 L) 187
LOBO (115 F) 254
LODE (115 N) 286,301
LOG (105 B) 77
LOG (106 C) 205
LOGAN (105 B) 23,25,29,73,80,84
LOGAN (105 F) 40
LOGJAM (105 B) 72,77
LOGTUNG (BERYL) (105 B) 72
LOIN (105 B) 33,83
LOKKEN (105 L) 187
LOKO (105 K) 179
LOLO (105 K) 180
LOMOND CREEK (116 A) 311
LONE STAR (115 O) 24,37,285,290,292
LONELY (115 I) 262
LOON (105 E) 32,145
LOON (105 F) 150
LOOTZ (95 D) 63
LOPSTICK (106 E) 217
LORD (IDAHO) (105 B) 72
LORI (105 E) 145
LORI (115 N) 295
LORNA (105 K) 179
LORNE (105 D) 98
LORNE (105 F) 33,150,156
LOSCH (115 H) 255
LOST (105 B) 73
LOST WERNECKE COPPER (105 M) 190
LOU (105 K) 180
LOUIE (106 D) 209
Lovett Hill 19
LOWER SWITCHBACK (105 F) 150
Lowey, G 51,72,73,74,75,76,80
Lowey, J. 72,73,74,75,76
LOWNEY (116 B) 316
LP (105 F) 33,150,161
LS (105 F) 150,165
L'SHRA (115 J) 277,282
LU (105 K) 180
LUBRA (115 N) 285
LUCK (105 B) 25,72,74
LUCKY (ANT) (105 B) 73
LUCKY (105 F) 156
LUCKY JOE (115 O) 285
LUCKY QUEEN (105 M) 17,25,191
LUCKY STRIKE (106 D) 209
Lueck, B. 40,41,82,137,183,286,231,254,299,300
LUGDUSH (115 P) 305
LUKE (106 D) 214
LUKESHANE (105 F) 158
LULU (105 D) 97,101
LUSCAR (105 D) 98
LUSCAS (115 H) 257,259
LWR (106 E) 217
LYDIA (105 B) 73
LYN (105 K) 179,183
LYNX (105 F) 150,154
LYNX (105 H) 172
LYNX (106 D) 209
LYON (105 K) 180
MAC (105 B) 73
MAC (105 E) 145
MAC (105 F) 33,163
MAC (105 D) 31,113
MAC (105 M) 191
MAC (105 O) 195
MAC (OTTO) (106 C) 205
MAC (115 G) 234,254
MAC (115 O) 187
MacDonald, A. 165
MacDonald, B. 98,119
MacDonald, S.D. 92,143
MACARTHUR (105 L) 187
MacKay, S. 122
MacKinnon, H.F. 138
Macmillan Pass 149
MACK'S (115 H) 257
MACTUNG (105 O) 195,198
MAD (105 I) 175
MAG (105 D) 39
MAG (115 H) 35,127
MAG (105 M) 191
MAGIC (106 E) 217
Magrath, J. 139
MAHTIN (115 P) 305
MAIDEN (TING) (116 C) 316
MAIN (105 F) 151
MAIN (115 I) 263,266,272
Main Zone 25,82
MAISY (115 O) 285
Maisy May Creek 19,20,56
MAJI (105 D) 30,117
Makkonen, D. 252
Malabar Mines 113
Malicky, W. 192
MALONEY (115 I) 262
MAM (117 A) 326
MAMMOTH (106 C) 205
M&M (105 D) 99,140
MAP (105 G) 167
MAPEL (105 H) 171
MAR (105 B) 73
MAR (115 G) 234
MARBEE (105 E) 145
MARG (106 D) 209,211
Margarete Vein 23,24
MARGARETTE & AUGUSTA (GUDER) (115 I) 263
MARGE (115 O) 286
MARION (95 E) 65
MARGRERITE (115 J) 277
MARIA (115 A) 225
MARK (105 A) 67
MARK (105 L) 187
Mark Management 24,49
MARLIN (105 C) 87,88
MARN (116 B) 316
MARS (95 C) 61
MARS (115 G) 248
MARSH (105 D) 98,109,139
MARSHALL (106 C) 205
Marsh Lake 49
MARTET (106 E) 217
MARTIN (105 A) 67
Martin House map-area 325
MARY (105 K) 40,183
MARY (105 M) 191,192
MARY (115 P) 305
MAS (105 B) 74
MASTADON (116 B) 315
MAT (105 F) 33
MAT (115 N) 286
MATHEW (105 B) 74
MATHEW (105 F) 40,165
MATT (105 D) 99,141
MATT (106 D) 214
MATT BERRY (105 H) 171
MATTSON (116 A) 311
MAUD (115 I) 262
MAX (105 D) 116
MAX (105 F) 163
MAX (105 H) 171
MAXI (105 H) 171
MAY (105 D) 100
MAY (105 H) 171
MAY (105 K) 190
MAY (115 I) 263
MAY CREEK (ORE) (115 P) 305,308
MAYBE (105 E) 145
MAYBRUN (105 M) 190
MAYFLOWER (115 I) 36
Mayo map-area 47,190
Mayo Mining District 49,56
MB Zone 75,76
MC (SWIFT) (105 B) 73,84
McBride, A. 252
McCABE (115 I) 262
McCASH (105 F) 149
MCCLUSKY (106 D) 209

McCOWAN (105 L) ... 187
McCrory Holdings (Yukon) Ltd. ... 112
McCrory, K. ... 41,164,308
McCrory, T. ... 39,83,84,165
McDISCOVERY (115 J) ... 277,282
McFaul, J. ... 301
MCFISH (115 O) ... 41,300
McGuigan, P.J. ... 287
McIntyre, G. ... 273
McKarrey (116 A) ... 312
McKAY HILL (106 C) ... 209
McKELVIE (106 C) ... 205
McKIM (105 M) ... 190
McKINNON (115 O) ... 37,56,285,287
McKinnon Creek ... 287,292
MCLEAN (116 B) ... 315
McLean, G. ... 39,142
McLENNAN (115 F) ... 233
MCLEOD (105 M) ... 191
McLeod, G. ... 109,110
M'CLINTOCK (105 D) ... 98,139
MCM (105 B) ... 74
McMICHAEL (115 O) ... 285
McMILLAN (95 D) ... 63
McNEE (105 F) ... 149
McNEIL (105 G) ... 167
MCNEILL GULCH (MT. HINTON) (105 M) ... 190
McPhee, R. ... 41,42,292,300,301,302,317
McQuesten map-area ... 305
MEC (115 I) ... 263
MED (105 D) ... 99
MEGALAURUS (115 P) ... 305
MEHITABEL (105 P) ... 201
MEI (105 B) ... 73
MEILECKE (106 D) ... 209
MEISTER (105 B) ... 72
Meister Lake ... 51
MEISTER RIVER (105 B) ... 73
MEL (105 A) ... 25,67
MEL-EAST (95 D) ... 29,63
MEL-HOSER (95 D) ... 63
MEMOIR (115 F) ... 233
MERCURY (115 G) ... 248
MERRICE (115 I) ... 262
METALLINE (115 G) ... 233
MEX (106 C) ... 206
MEXICO (115 F) ... 233
MGM (95 C) ... 60
MH (105 D) ... 30,100
Miben Mining Ltd. ... 19
MICA (105 A) ... 57
MICH (105 C) ... 87
MICHELLE (106 D) ... 210
MICHELLE (116 A) ... 311
MICHIE (105 D) ... 98,139
MICKEY (116 C) ... 316
MICKEY CREEK (116 C) ... 315
MICRO (115 F) ... 34,242
MID (105 B) ... 39,72,84
MID (106 C) ... 205
MIDAS (105 E) ... 56,145,147
MIDAS (105 H) ... 171
Midas Exploration ... 56
MIDDLE CHIEF (105 D) ... 100
MIDGETT (105 D) ... 98,140
MIDNIGHT (105 B) ... 29,72,76
MIDNIGHT DOME (116 B) ... 315
MIDWAY (105 B) ... 73
MIKE (106 D) ... 210,214
MIKE (116 A) ... 311
MIKO (105 H) ... 171
MILCH (116 G) ... 319
Miles Canyon ... 129
MILK UM (116 A) ... 311
MILLER (116 C, 115 N) ... 315
MILLER CREEK (116 C) ... 20,24,316
Miller, D.C. ... 63,77
Miller, K. ... 289
MILLET (105 D) ... 97
MILLHAVEN (105 D) ... 97
MILL HOUSE (115 A) ... 225
MINDY (105 C) ... 87
MINE (115 I) ... 263
Minequest Exploration Associates ... 30,111,117
MING (105 K) ... 180
MINK (105 D) ... 99
MINTO (115 I) ... 262
MIS (105 F) ... 32,163
MISSY (115 G) ... 41,234,254
MITCHELL (115 O) ... 285
MIX (105 A) ... 67
MJ (115 J) ... 282
MJM (105 A) ... 67
MK (15 J) ... 277
MM (105 F) ... 32,149
MM (105 G) ... 167
MM (115 N) ... 296
MMM (MURPHY) (105 F) ... 149
MN (105 B) ... 79
MN (105 K) ... 180
MO (105 D) ... 99
MO (105 M) ... 190
MOBS (105 F) ... 149
MOE (105 D) ... 30
Mogenson, J. ... 252,253
Mogenson, T. ... 41,252,253
MOGUL (106 C) ... 205
MOKO (116 J) ... 325
Mollot, L. ... 296
MOLLY (105 A) ... 29,67,69
MOLLY (105 F) ... 149
MOLY (115 N) ... 285
MOM (105 D) ... 31
MONDAY (105 M) ... 192
MONEY (105 G) ... 167
MONSTER (116 B) ... 315
MONT (105 G) ... 167
MONTANA (105 D) ... 23,97,112
MONTANA CREEK (115 O) ... 56
Montana Mountain ... 23,112
MONTE CHRISTO (115 O) ... 285
Montgomery, A. ... 104,107
Montgomery, C. ... 244
Montgomery, J. ... 244,247
MONTSE (105 H) ... 171
MONY (116 B) ... 316
MOON (105 B) ... 73
MOON (105 M) ... 190,192
MOON (115 I) ... 263
MOON (115N/O) ... 298
MOONDANCE (116 B) ... 317
MOONLIGHT (105 O) ... 195
MOOSE (105 B) ... 73
MOOSE (105 O) ... 195
MOOSE CHANNEL (117 A) ... 326
MOOSE HILL (105 C) ... 87
MOOSEHORN (115 N) ... 285
Moosehorn Exploration Program Ltd Partnership... 56
MOOSELICK (105 B) ... 72
MOOSE RIDGE (115 P) ... 305
MORAINE (115 H) ... 257
Moreau, J. ... 40,42,213,317
Morengo Resources Inc. ... 56,68
Morin, J.A. ... 47,49,50,72,73,87,98,113,114
Morison, S. ... 47,150
MORNING (105 D) ... 97
Morris, D. ... 282
MORRISON (116 B) ... 316
Mortimer, L.C. ... 119
MOTH (105 M) ... 191
MOULE (105 L) ... 187
Mountain Province Mining Inc. 24,32,40,164,165
Mt. ALBERT (105 M) ... 190
Mt. ANDERSON (105 D) ... 97,123,124,139
Mt. BRONSON (115 O) ... 286,293,300
Mt. BUSH (105 D) ... 97
Mt. Cockfield ... 278
Mt. COOK (GREW) (105 F) ... 149
Mt. Freegold ... 23,24,265
Mt. GRANT (105 C) ... 87
Mt. HALDANE (105 M) ... 190
Mt. HART (115 N) ... 286
Mt. HINTON (105 M) ... 190,192
Mt. Hinton ... 34
MT. HINTON DISCOVERY (105 M) ... 191
MT. HINTON NO.5 (105 M) ... 191
Mt. Hundere ... 25
Mt. MISERY (105 F) ... 32,149
Mt. Mye Batholith ... 181
Mt. NANSEN (WEBER, HUESTIS) (115 I) ... 262,266,272
Mt. Nansen ... 25,36,51,114
Mt. REID (105 D) ... 23,31,97,104
Mt. ROSS (105 F) ... 149
Mt. St Elias map-area ... 229
Mt. SHELDON (105 J) ... 177
Mt. Skukum ... 23
Mt. Skukum Gold Mining Corp. ... 13,30
MT. SKUKUM MINE (105 D) 14,15,17,23,30,98,119,140
Mt. STEVENS (105 D) ... 23,31,97,107,121
Mt. Ward ... 104
Mt. WHEATON (105 D) ... 97
MOUSE (106 C) ... 205

MOX (105 F) 150
MOZI (115 P) 305
MP (105 F) 40,163
MPR (105 F) 150,162,165
MR (105 B) 73
MR (105 D) 99,127,141
Mrozinski, T. 39,40,141,142
MS (105 J) 177
MSL (115 I) 269
MST (106 E) 217
MTB (105 H) 117
MTR (106 E) 217
MUD (105 D) 97
MUELLER (105 P) 205
MUIR (105 L) 187
Muir, J. 41,308
MULLER (115 G) 233
Mulligan, R. 87
MULTI (105 K) 179
MULTIPLY (116 B) 315
MUM (105 B) 73
MUMS (105 F) 150
MUNG (105 B) 72
MUNROE (105 D) 98
MUNSON (105 B) 72
MUR (105 K) 179
MURIEL (105 D) 98
Murnion, J. 183
MURPHY (105 F) 149
Murphy , D. 51.72.73.74
MURRAY (RAY) (105 A) 67
MUS (115 G) 238
MUSH (115 A) 225
MUSKATEER (115 G) 239
MUSKETEER (115 G) 233,239,240,252
MUSTARD (105 E) 145
MUT (105 B) 79
MUT (115 I) 263
MV (105 O) 195
MW (105 B) 73
MYDA (105 G) 167
MYHN (105 D) 99

NABOB (105 M) 191
NABOB #2 (105 M) 190
NADA (115 I) 263
NADALEEN (106 C) 205
Nadaleen River map-area 205
Nadahini Mining Corp 17
NAGY (115 A) 225
Nahanni map-area 175
NAIAD (105 D) 98,117,118
NAN (115 G) 252
NANCY (115 O) 301
NAR (105 I) 175
NARCHILLA (105 H) 171
NARL (105 J) 177
Nash Creek map-area 209
NAT (106 D) 106
NAVAJO (115 I) 262
NAZO (105 A) 67
NC (105 E) 145
NCC (105 F) 150
ND (115 O) 290
NDM (106 D) 210
NDU Resources 25,34,56
NEBULOUS (116 B) 316
NECO (106 B) 203
NEEDLE ROCK (115 I) 262
NEF (115 J) 277
NERO (105 M) 190
NESS (MAD) (105 I) 175
NEST (106 C) 205
NET (105 D) 39,100,142
NET (117 A) 326
NEVE (105 O) 197
NEW (105 D) 121
NEW (105 G) 167,168
NEW (115 G) 41,254
NEW BONANZA (115 O) 290
NEW BONANZA NO. 2 (115 O) 290
New Era Engineering 121
NEW IRENE (106 D) 213
NEW JERSEY (106 D) 209
NEWRY (105 M) 190
NEWT (106 D) 209
NIC (115 P) 305
NICK (115 G) 233
Nickel Lake 158
Nickel Syndicate 239
NIDD (105 O) 197
Niddery Lake map-area 197
Nielson, M. 39,83,164
NIKA (106 C) 206
NIKI (116 B) 317
NIMBUS (105 F) 154
NIOBE FRACTION (115 O) 290
NIP (105 D) 97
NIT (115 I,J) 263
NITE (105 B) 39,72,84
NMT (105 G) 167
NO. 1 VEIN FAULT (105 M) 191
NO CASH (105 M) 13,191
NO CREEK (105 M) 191
NOKLUIT (105 F) 149
NOLE (105 G) 167
NOOS (105 D) 40,142
NOR (106 L) 325
NOR (116 O) 326
NORA (115 N) 300
Noranda Exploration Co. Ltd. 24,25,29
.... 30,32,33,36,37,40,41,89,90,122,140,146
.... 162,182,183,238,264,268,272,273,274,312
NORD (105 M) 190
Nordac Mining Corporation 23,35,36,37,56,278
NORDEX (115 J) 277
NORK (105 K) 180
NORKEN (105 J) 177
NORM (105 D) 140
NORRIS (116 P) 326
NORTHAIR (115 I) 262
NORTH C (115 G) 234
Northern Natural Resource Services Ltd. 124
NORTH FORK (115 N) 56
North Resources 23
NORTH STAR (105 D) 100
NORTHERN LIGHTS (115 O) 285
NORTHWEST (105 A) 67
NOT (105 F) 150
NOTT (105 A) 67
Novamin Resources Ltd. 25,29,63
NOW (106 D) 206
NOWA (95 E) 65
NUCLEAR (BEAR) (116 G) 319
NUCLEUS (115 I) 24,36,263
NUF (105 C) 87
NUKE (105 D) 100
NUKE (105 O) 197
NUM (105 P) 201
NUT (105 O) 197
NUTZOTIN (115 K) 277
NW (105 C) 87,89
NYAC (105 D) 100

O.B.I. (105 D) 100
OAKE (105 B) 73
OATS (115 J) 277
O'BRIEN (116 B) 38,316
O'Brien, R. 147
OBVIOUS (105 F) 149
O'CONNOR (105 K) 179
OD (116 B) 316
ODD (105 D) 98,116
ODD (105 O) 197
ODD (115 G) 233,253
ODIE (105 B) 39,83
OG (116 B) 315
OGIL (116 C) 42,317
OGILVIE (116 B) 315
Ogilvie Map-area 319
OHNO (105 I) 175
OJ (105 D) 98
OK (105 F) 33
OK (105 M) 191
OKE (115 I,J) 278
OLD CABIN (105 O) 197
Old Crow map-area 326
OLD GOLD (105 B) 72
OLGIE (TER) (105 K) 179
OLIVER CREEK (EPD) (115 P) 305
OLLIE (NEW) (105 D) 30,99,121,140
OMEGA (115 P) 305
Omni Resources Inc. 23,30,31,56,104,138,139,140
OMO (105 I) 175
ON (105 H) 171
ONCE (106 E) 217
1 F (115 O) 290
ONE HUMP (105 L) 187
ONE IF (115 I) 216
O'Neill, J. 41,140,141,214,308

ONEK (105 M) 13,191
ONION (115 F) 233,244,245,253
ONION (115 K) 277
Onion Zone 245
ONT (115 I) 266
OPULENCE (105 D) 98
ORE (115 P) 305,308
Orex Resources 34,292
ORI (MAC) (115 I) 262
ORION (106 E) 217
ORK (105 C) 87
ORLOFF (115 H) 257
ORLY (105 B) 77
ORO (105 H) 172
ORO (115 G) 233
ORO (115 J) 277,282
ORO (115 O) 286,300
ORO (116 A) 41
Oro Grande Gulch 290.292
O'Rourke, J. 140
Orssich, C. 159
OSCAR (105 A) 67
OTH (105 B) 73
OTIS (106 E) 217
OUDDER (95 D) 63
OULETTE (105 B) 72,84
OUT (115 I) 263,274
OVOAS (105 E) 145
OWL (105 E) 145
OWL (105 K) 179
OXO (105 F) 149
OXY (105 F) 150
OZ (116 B) 315

Pacific Trans-Ocean Resources Ltd. 13,17,23
.... 25,31,33,40,120,132,133,141,153
PACK (105 G) 167
PACKERS (BAND) (105 E) 145
PADDY (105 M) 190
PAGISTEEL (106 D) 209
PakMan Resources Inc. ... 25,26,29,35,56,79,238,239
PAL (115 I) 262
PAM (115 I) 263,274
PAN (115 P) 305
PANTHER (115 I) 263
PARENT (105 M) 190
PARK (105 B) 39,73,83
PART (105 D) 30,98,111,134,140
PARTRIDGE (VAL A) (105 B) 72
PASS LAKE (105 D) 100
PASS PEAK (105 F) 150,161,162
PAT (105 A) 67
PAT (105 G) 167
Paterson, I. 161,293
PATY (105 C) 92
PATTISON (115 J) 277
PAUL (105 G) 168
PAUL (106 D) 209,213
PAULA (105 C) 87
PAULA (116 B) 315
Paukner, F. 41
Paulkner, F. 300
Pautler, J. 117,281
PAW (105 B) 77
PAW (115 P) 305,308
PAX (105 F) 150
PAY(105 G) 167
PAYNE (105 D) 141
Payne, J.G. 141
PC (115 G) 40,254
PCG (105 D) 131
PDM (105 J) 177
PEACH (116 J) 325
PEAK (105 F) 149,162
PEBBLE (105 N) 195
PEEL (105 F) 24,33
Peel Zone 17
PEERLESS (105 D) 99,103
PEERLESS (115 I) 263
Peever, T. 300,301
PEG (105 F) 33
PEG (115 J) 277
PEGASEUS (105 A) 67
PEGGY (115 I) 266
PEL (115 I) 263,274
PELLY (105 G) 167
PELLY (105 K) 180,184
PELLY (105 L) 187
PELLY (115 I) 282
PEN (105 K) 179
PENGUIN (105 F) 33
PENIBE (116 B) 298
PENTICTON (115 P) 305,308
PER (115 N) 285,287,300
Perkins, J. 107
Permian Resources Ltd. 36
Perrex Resources Ltd. 33
Perron, A. & J. 39,84
PESCOD (105 F) 164
PESO (REX) (106 D) 209,213
PETE (105 B) 74
PETE (105 F) 33
PETE (105 O) 197
PETE (106 L) 325
PETE (115 F) 252
PETE (116 B) 317
PETER (105 L) 187
PHELPS (115 I) 262
Phelps Dodge 131
PHIL (BOB) (105 G) 167
PHIL (105 D) 100,143
Phillips, B. 49
Phillips, M. 101
PHILP (116 A) 341
PHOENIX (105 E) 145
PHOTO (115 A) 225
PICK (105 G) 167
PICK (115 F) 40,234
PICKERING (115 O) 285
PICKHANDLE (115 F) 233
PIE (105 D) 116
PIERRE (106 D) 40
Pie Zone 75
PIG (105 J) 177
Pigage, L.C. 180
PIGGY (105 B) 74
PIGLET (95 D) 64
PIGLET (106 E) 56
PGMC (105 C) 92
PIKA (105 F) 56,150,154,172
PIKE (105 J) 177
PIKE (106 D) 34,210,212
PILLOW (115 F) 252
PILON (106 L) 325
PILOT (105 D) 140
PILOT (105 E) 145,147
PIM (105 D) 39,139
PIM (105 F) 150
PIMA (105 M) 190
PINE (105 B) 39,139
PINE (116 C) 316
PINESOL (105 B) 73
PINESOL (115 I) 37
PING (CORN CREEK) (106 C) 205
Pinkenburg, W. 183
PIONEER (105 F) 33
PIRATE (115 P) 305
PISA (105 F) 150
PIT (105 G) 167
PITCH (106 D) 210
PIZZA (105 F) 150,165
PL (116 F) 319
PLAINS (KEN) (106 F) 219
PLATA (INCA) (105 N) 13,14,15,195
PLATA (115 G) 234,253
PLAY (95 D) 63
PLEASANT (105 N) 195
Plouffe, A. 50
PLUG (105 B) 73
PLUG (115 B) 229
PLUMB (NOLE) (105 G) 167
PLUME (115 H) 257,259
PLUT (106 D) 212
PLUTO (116 C) 316
PM (105 F) 149
PN (105 F) 156
POD (105 K) 40,180,184
Podolsky, G. 153,161
POG (105 B) 73
POLAR (105 D) 99
POLARIS (106 E) 217
POLARIS (115 G) 248
Polestar Exploration Inc. 244
POMPEI (105 D) 98
PONT (105 B) 73
PONT B (105 B) 72
PONY (105 F) 149
POO (106 C) 205
POOL (95 C) 61
Poole, S. 139
Poole, W.H. 72

POOLY (105 D) 99
POON (115 I) 263
POP (105 D) 31,106
PORCUPINE (105 B) 72
PORCUPINE (105 M) 191
Porcupine River map-area 325
Porcupine Vein 154
PORKER (95 D) 25,29,63,64
PORKY (115 O) 286,301
PORPHYRY (106 C) 205
PORTER (105 D) 97,106
PORTLAND (115 O) 285
POTATO HILL (106 D) 209
POW (105 D) 97
Power, M. 50
PPM (105 D) 139
PPR (105 J) 177
PR (106 B) 203
PRA (115 N) 41
Premier Mining Group 101
Preston, B. 39,83,84,165
PREVOST (105 J) 177
PRIDE (115 J) 277
PRIDE OF YUKON (105 D) 99,103
PRIMROSE (105 D) 97
PROFEIT (106 C) 205
PRONGS (106 E) 217
PROSE (DEB) (105 D) 98
PROSPECT (115 N) 285
Prospector Mountain 51
Prospectors Airways Ltd. 238,245
Prospector's Assistance Program 55
PS (115 G) 40,252
PTARMIGAN (105 D) 98
PTERD (106 C) 205
PUB (116 C) 316
PUEBLO (105 D) 99
PUG (105 A) 67
PUKELMAN (115 P) 305
Pulse Resources 40,172
PUMP (115 G) 41,248,253
PUP (105 D) 30,119
PUP (105 G) 167
PUP (TOM) (115 O) 286
PY (105 G) 167
PYROXENE (115 O) 286,294,300
Pyroxene Mountain 294

QB Vein 24
QUA (115 O) 286
QUANDARY (105 G) 167
Quartermain, R. 39
QUARTZ (105 C) 87,92
Quartz Creek 19
QUARTZ LAKE (95 D) 25
QUARTZ VALLEY (105 C) 87,92
QUEEN (105 A) 56,67
Queenstake Resources Ltd. 19,56
Quesnel, R. 39,40,141,142,192,253
QUEST (115 P) 38,305,307
Quest, R. 41
Quiet Lake Batholith 91,92
Quiet Lake map-area 149
QUILL (105 F) 32,150
QUILL (115 G) 35,233,252
Quill Creek Mines 237
Quillo Resources Inc. 32,40,153,165
QUIVER (95 D) 64
QUO (95 D) 63

RABBIT (105 L) 187
RABBIT (115 F) 233
RABBIT FOOT (105 D) 99,128
Rabbitsfoot Canyon 129
RACA (105 D) 97
RACHEL (105 K) 180
RAD (105 D) 99
RAD (106 D) 209
RAFE (106 C) 206
RAFT (115 G) 233
RAG (115 I) 273
RAGS (105 J) 177
RAGS (105 K) (ROSS RIDGE) 179
RAIL (116 C) 316
RAILROAD (105 D) 98
RAILWAY (105 D) 100
RAIN (105 F) 33,158
RAIN (105 D) 100
RAIN (105 H) 171
RAINBOW (105 B) 72
RAINBOW (115 I) 263
Rainbow Zone 23
RAINDROP (105 D) 140
RAJ (105 B) 39,83
RAJA (105 B) 39,83
RAKE (105 B) 74
RAM (105 B) 39,83
RAM (105 D) 98
RAM (105 F) 24,33,56,150,154,163
RAM (105 N) 195
RAM (106 C) 205
RAMA (116 A) 211
Ramaekers, P. 77
RAMBLER (106 D) 209,212
RAMBLER (115 I) 263
RAMING (105 D) 98
Rammage, W. 34
RAMS (105 D) 101
RAM TWO (115 H) 257
RAN (105 K) 40,180,183
RAN (115 N) 301
Rancheria 23,25,57
Rancheria Project 51
RAND (105 B) 39,83
RANKL (105 E) 145
RAPI (106 E) 217
RAPID (117 A) 326
RAS (106 L) 325
RASI (115 I) 269
RAT (105 D) 112,140
RAT (115 I) 266
RATH (105 D) 140
RAVEN (105 D) 99
RAVEN (105 F) 150,164
RAVEN (115 O) 285
RAY GULCH (106 D) 209
RAZ (105 K) 180
REA (105 H) 171
READFORD (115 O) 286
Read, W.S. 181
REBEL (105 K) 179
RED (105 B) 39,83
REDRILL (105 D) 141
RED FOX (115 I) 262,273
RED MOUNTAIN (105 C) 87,89
RED RIDGE (105 D) 100,131
REED (115 G) 41,248,253
Reed, A.J. 102
Reed Creek 49
Reed Creek Joint Venture 230,248
REEF (115 N) 37,56
REEF (115 O) 286,295,301
Reese, G. 141
Reid, W. 122
REIN (116 B) 316
REINDEER (116 A) 311
REGAN (105 F) 32,40,151,163
REM (105 E) 145
REMP (115 P) 305,308
REN (105 E) 147
RE MANNY (105 D) 141
RENO (115 G) 253
RENZO (116 B) 316
REP (106 C) 206
RESERVE (105 K) 179,183
RESERVOIR LAKE (105 D) 99
RESORE (115 J) 41
RESORE (115 O) 41,300
REST (115 O) 41,300
RETRIBUTION (105 D) 99
REV (105 B) 77
REVENUE (115 I) 24,36,56,262,273
REX (105 M) 191
REX (106 D) 209,213
REX (115 A) 34,225,226
REX (115 O) 37,286,290
Rexford Minerals Ltd. 35,36,37,245
RG (116 C) 315,316,317
RHOSGOBEL (115 P) 305
RHYOLITE (115 G) 233
RIBA (105 C) 87
Rich, A. 75,165
RICO (115 I) 262
RIDDELL (105 J) 177
RIDGE (105 D) 139
RIDGE (105 K) 24,179,183
RIDGE (115 F) 234,254
RIDGE (115 P) 305
Ridge Zone 17
RIDLEY (105 F) 151,163

Ridley, C. 40,165
Ridley, D. 40
Riepe, R. 306,308
RIETA (MAX) (105 H) 171
RIGEL (105 D) 30,142
RIJ (115 O) 286
RIKI (116 B) 316
RILEY (105 G) 167
RIM (105 E) 145
RIMROCK (116 A) 311
RIN (106 E) 217
RINK (115 I) 262
RIO (95 E) 65
RIP (115 K) 277
RIS (105 G) 167
RISBY (105 F) 149
RISCO (116 B) 315
RITCO (105 A) 67
RITE (105 F) 164
RITZ (105 I) 175
RIV (105 D) 131
Rivest Brothers Enterprises 56
Rivet, R. 40,164,165
RIVIERA (105 G) 167
RK (105 F) 164
RM (105 D) 127,141
ROAD (105 D) 139
ROAD (105 H) 171
ROAL (116 B) 315
ROB (105 D) 99,123,139,141
ROB (105 G) 167
ROB (116 B–C) 316
ROBERT (115 I) 263
ROBERT SERVICE (116 B) 315
Robertson, K. 37,295,301
Robertson, R. 41.76.106,112,121,165,308
Robertson, W. 292
ROC (115 I) 263
Rockridge Mining Corp. 26,34,35,56,237
.... 238,239,242,250
ROCK RIVER (95 D) 63
ROCKSLIDE (115 G) 233
ROCKY (105 F) 149
ROD (106 D) 210
Roddick, J.A. 72,177,179
ROGUE (105 N) 195
ROI (105 B) 74
ROI (115 O) 41
RON (105 H) 171
RON (115 O) 286
RON (HILCHEY) (115 O) 285,290
RONGE (115 J) 277
ROOK (105 I) 175
ROOP (105 M) 190
Roots, C. 112
ROSE (95 E) 65
ROSE (105 D) 97
ROSE (116 H) 321
ROSE (RG) (116 C) 316,317
ROSEBUD (115 P) 305
ROSS (105 G 168
ROSS (105 I) 175
ROSS (105 M) 191
Ross, J. 142,259
ROSSBANK (105 D) 99
Ross Mining Services 20
ROSS RIDGE (105 K) 179
Ross River 17,23,25,50
ROSY (105 C) 87
ROW (115 I) 263
ROWE (105 F) 150
ROWLINSON (115 I) 263
ROYAL (106 D) 209
RP (105 E) 147
RR (105 D) 140
RR (105 K) 179,180
RPP (105 F) 149
RSVP (105 L) 187
RUBY (105 K) 40,179,183
RUBY (115 H) 35,257
RUBY (115 O) 286
RUBY FRACTION (105 M) 13,191
Ruby Mine 13
RUDE CREEK (115 J) 277
RUDY (105 J) 177
RUGER (105 B) 83
RUM (115 P) 41,308
RUM/RAF (106 C) 205
RUN (105 B) 73
RUN (115 O) 286
RUNER (105 M) 190
RUSH (95 C) 56
RUSK (115 I) 36,262
RUSTY (106 D) 209
RUSTY SPRINGS (116 K) 325
RUTH (105 K) 179
RV (105 K) 40,183
RY (116 H) 321

SAB (105 B) 73,76
SAB (105 F) 150
Sab Lake 51
Sabo, D. 192
SADDLE (105 F) 150
Sadile Zone 132
SADIE-LADUE (105 M) 191
SAID (105 D) 31,100,132,141
SAINVILLE (106 E) 217
ST. BRIDGET (116 A) 311
St. Cyr Range Mineral Exploration Ltd. 163
ST. ELIAS (115 G) 233
ST. PETER (105 F) 32.151.163
SAL (105 D) 139
SAL (105 F) 150
SAL (115 G) 41,234,254
SALEKEN (116 O) 326
SALUTATION (106 C) 205
SAM (106 D) 210
SAM (115 F) 252
SAM (115 I) 262
SAND (105 I) 175
SAND (115 P) 305
SANDERS (105 G) 167
SANDOW (116 B) 316,317
SANDPIPER (105 D) 140
SANPETE (115 F) 233
SANTA (115 N) 285,300
SAP (105 L) 187
SARAH (105 G) 167,168
SAS (105 G) 167
SAS (115 O) 286
SASHA (116 B) 317
SATO (115 H) 257
SATURN (115 G) 248
Sauer, B. 300,301
SAVY (115 P) 305
SAW (105 C) 89
SAWMILL (105 A) 67
Sax Zone 245
SAYEH (105 C) 87
SBS (105 E) 145
SCAR (105 D) 30,99
Scarff, J. 42,317
Scarlet Zone 120
SCHEELITE (105 D) 99
SCHEELITE DOME (115 P) 305,306
Schellenberg, D. 39,83,84
Schmidt, R. 172
SCOT (105 O) 195
SCROGGIE (115 J) 277
Scroggie Creek 294
SCYLLA (106 E) 217
SEA (105 B) 73
SEA (105 K) 179
SEAFORTH (105 C) 87
SEAGULL (105 F) 24,154,162
Seagull Creek 156
SEARFOSS (105 L) 187
Searchlight Resources Inc. 79
SEATTLE (115 P) 305
SEATU (105 F) 150
SEC (105 M) 191
SEELA (116 B) 42,315
SEK (115 H) 257
SEKULMUN (115 H) 257
Sekwi Mountain map-area 201
SEL (105 I) 175
SELKIRK (115 I) 263,268,274
SELL (115 G) 234
Selmane Resources 183
SELWYN (115 J) 277
Selwyn River 51
SEM (105 E) 146
SEMENOF (105 E) 32,145,146
SER (106 D) 210
Serem Resources Inc. 82
SETHER (115 P) 305
SETTLEMEIR (106 D) 209
SEVENSMA (115 F) 233,253
Seybold, G. 40,164
SF (115 G) 41,252
SG (115 J) 41,282

SH (105 B) 76
SHA (105 B) 78
SHACK (115 I) 263
SHAD (115 H) 257
SHADOW (115 J) 277
SHAFT (115 A) 225
Shakwak Exploration Co. Ltd. 78,116,121
SHAMROCK (105 M) 191
Shamrock Zone 24
SHAND (116 B) 315
SHANNON (105 K) 17
SHARE (115 F) 179
SHAROL (116 B) 233
SHARON (KET) (105 F) 32,149,153,163
SHARON (106 D) 210,214
SHARON (115 N/O) 298
SHARON (116 B) 316
SHARPE (115 F) 233
SHANGHAI (105 M) 190
SHAW (105 D) 98
SHAY (116 A) 311
SHEEP (105 B) 74
SHEEP (115 B) 229
SHEEL CREEK (116 C) 315
Sheldon, J. 39
Sheldon Lake map-area 177
Shenfield, W. 168
SHEPPARD (106 D) 209
SHERIDAN (115 J) 277
SHERPA (105 J) 177
SHIELD (105 I) 175
SHILSKY (105 B) 72
SHINGLE (117 A) 326
SHORTY (115 A) 225
SHRIMP (105 K) 179
SHUT (115 H) 35,257,258,259
SIAN (106 C) 205
SIDE (115 H) 257
SIDESLIP (105 M) 190
SIDNEY (105 C) 187
SIFTON (115 A) 225
SIHOTA (106 D) 209
SILVER (115 P) 305,307
SILVER BASIN (105 M) 190
Silver Chief Minerals Ltd. 157
SILVER CITY (116 B) 315
SILVER CREEK (105 B) 73
Silvercrest Resources Corp. 26
Silver Hart Mines Ltd. 25,29,76
SILVER HILL (106 D) 209
SILVER KING (105 M) 17,25,191
Silverquest Resources Ltd. 25,32,34,35,38 41,56,240,241,250,254,257,307
Silver Sabre Resources Ltd. 56,122
Silver Spring Mines Ltd. 212
SIM (105 O) 195
SIN (105 B) 73
SIN (105 D) 39,100,142
Singh, R. 264
SINISTER (105 M) 190
SIR JOHN A (105 K) 180,183
Sirius Resources Corp. 23,30,118,130
SIROLA (105 K) 179
Sisson, W.G. 51
SITDOWN (116 F) 319
697985 Ontario Ltd. 40,213
SIXTYMILE (115 N, 116 C) 37,286
Sixtymile area 20
Sixtymile River 19,20,296
SIZZLER (115 J) 277
SJ (115 G) 234
SKAR (105 D) 31
SKATE (106 D) 209
SKIN (105 B) 73
SKUKUM CREEK (105 D) 23,31,97,104,137
SKUKUM CREEK (115 O) 56
Skukum Ventures 31,39,124,127,128,134,135,139
Skukum Volcanic Complex 124
SLAB (106 D) 209
SLAM (105 G) 167
SLATE (SM) (105 C) 87
SLATER (106 E) 217
SLATS (106 D) 209
SLEWE (105 D) 98
SLIDE (105 F) 33
SLIM (115 B) 229,231
SLINE (105 E) 145
SLIP (105 B) 39,84
SLOUCE (105 B) 73
SM (105 C) 87
Smarch, R. 40
SMART ASS (105 D) 141
Smith, C. 47,51
Smith, G. 41,300,301
Smith, J. 142
SMOKEY (105 O) 195
SMOKEY (116 C) 195
SMOKY (106 D) 316
Snag map-area 51,277
SNAKE (106 C) 205
Snake River map-area 219
SNAP (115 H) 257,259
SNARK (115 P) 305
SNATCH (115 P) 305,308
SNEET (95 E) 95
SNELL (105 D) 97
SNERD (105 F) 150
SNIP (115 N) 285
SNIPE (115 H) 257
SNOW (105 F) 33,158
SNOWLINE (115 G) 248
SNOWSTAR (106 D) 210
SNYDER (116 B) 315
SOCK (105 K) 179
SOLO (105 K) 179
Solowmniuk, P. 192,213
SOMME (115 J) 277
SON (105 D) 31,100,131,136
SON (115 N) 286
SONNY (105 F) 32,149,151,153,163
SONY (116 C) 316,317
SOONER (105 D) 100,141
SOUP (116 A) 311
SOURCE (105 B) 73,78
SOURDOUGH MINE (116 C) 315
SOUTH C (115 G) 234
SOUTHER (115 A) 225
SOUTH FAULT (F4, F6) (105 F) 150,164
SOUTH TANTALUS (115 I) 262
SOV (95 D) 63
SOW (95 D) 64
SP (115 P) 305
SPAM (105 F) 163
SPEC (116 B) 316
SPEC-2 (116 B) 316
SPENCER (105 B) 74,76,84
Spencer, F. 41,300
SPHERE (116 C) 315
SPIS (105 N) 195
SPOCK (115 H) 257
SPORK (95 D) 63
SPOTTED FAWN (116 B) 315
SPRAGUE (115 P) 305
SPRING (106 D) 210
SPRING (HL) (106 D) 209
SPRING CREEK (105 D) 99
Springmount Operating Company 56
SPRUCE (95 D) 63
SPRUCE (115 G) 248
SPRUCE (115 H) 257,259
SPUD (105 G) 167
SPUR (105 K) 179
SQUANGA (105 C) 87,88
Stack, R. 40,41,83,139,226,252,254,272
STAND TO (106 D) 209
STANDARD (105 O) 195
Standard Oil of California 220
STAR (95 D) 63
STAR (105 B) 73
STAR (106 C) 205,206
STAR (115 O) 286
STARBIRD (115 I) 262
Starr, A. 264
STARTIP (105 C) 87
STEELE (105 H) 171
STEMCO (116 C) 316
STEN (105 D) 100,134
STERLING (105 B) 72
STEVENSON (115 J) 277
STEVO (115 N) 285
Stewart River map-area 51,285
STODDART (115 I) 37,263
Stoddart Creek 51
STONE (105 D) 99,141
STONE (105 M) 191
STONEAXE (105 B) 173
STONEMARTEN (95 D) 63
STORMY (PM) (105 F) 149
STOVE (115 G) 233
STQ (105 B) 73,84
STR (105 B) 79,80,84
STRADDLE (117 A) 326

Strathcona Mineral Services 168
STRAW (115 J) 277
STREBCHUCK (JOUMBIRA) (105 M) 190
Strebchuk, J. 213,308
Stretch, F. 282
STRIDE (115 A) 225
STRIP (105 N) 195
STRIP (106 C) 206
STROKER (116 A) 311
Stroshein, R. 47,128
STU (105 H) 171
STU (115 I) 263
STUMP (A1) (105 F) 149,158,159
STYX (116 B) 316
SUBMARINE (116 C) 315
SUBTRACT (116 B) 315
SUBURBAN (105 D) 99
SUDGEN (115 A) 225
SUE (105 D) 100
SUE (105 L) 187
SUE (115 G) 252
Sufady, D. 39,40,141,142,143
SUGAR (115 B) 40,231
SUITS (KING LAKE) (105 D) 98,140
SUL (115 O) 286
SULPHIDE CREEK (105 D) 99
Sulphur Creek 299
SUMI (116 A) 311
SUMMIT (105 C) 87
SUMMIT (115 O) 286
SUMTING (116 B) 316
SUN (105 B) 73
SUN (105 F) 149,150
SUN (105 H) 172
SUN (105 O) 195
SUN (106 C) 205
SUN (115 I) 263
SUNAGHUN (116 N) 326
SUNDANCE (105 M) 190
SUNSET (95 E) 65
Sunrise Metals Corp. 75
SUNSHINE CREEK EAST (SP) (115 P) 305
SUNSHINE CREEK WEST (SP) (115 P) 305
SURF (105 I) 175
SURPRISE (105 D) 99
SUSAN (105 F) 32,40,151,163
SUSAN (105 H) 171
SUSTAK (115 N, 115 O) 285
SUZANNE (105 H) 171
SVENN (115 N) 285
SWASTIKA (115 O) 290
SWEDE (115 G) 286
SWEDE (115 P) 305
SWEDE (116 C) 316
SWENSON LEASES (105 M) 191
SWIFT (105 B) 73,84
SWIFT BANANAS (105 M) 191
SWIM (105 K) 179
SWITCHBACK (105 F) 150
SYLVIA (105 E) 145

T. McCrory & Associates 162
TAC (105 J) 177
TACK (116 O) 326
TAD (115 G) 41,252
TAD (115 I) 37,262,264,273
TAG (105 D) 100,101,102
TAI (105 H) 171
TAK (116 B) 316
TAKHINI (105 E) 145
TAKU (105 D) 101,110
TAKU (105 F) 149.179
TAL (115 G) 35,253
TALBOT (115 G) 233
TALLY-HO (105 D) 97
Tally Ho Exploration Co. Ltd. 79
TANG (105 I) 175
TANTULUS BUTTE (115 I) 262
TANTALUS MINE (115 I) 262
TANYA (105 H) 171
TAPIN (106 C) 205
TAR (105 F) 40
TAR (105 G) 168
TAR (105 K) 180,182
TAR (106 E) 217
TARA (NADALEEN) (106 C) 205
TARFU (105 C) 87
TARGET 0 (105 M) 24
Tarmachan Exploration Services 29,74
TART (116 B) 315
TAT (115 P) 305
TAURUS (115 G) 248
TAWA (115 I) 36,268,273
TAY (105 F) 24,33,150,161
TAY (105 L) 187
Tay River map-area 179
TAYLOR (115 F) 233
T-BIRD (105 M) 192
TBR (115 I) 266
TEA (105 F) 150
TEA (105 O) 197
TEA (115 I) 263
TEAM (105 B) 73
TECH (105 D) 31,106
Teck Corporation 19
Teck Exploration Co. 239
TED (105 H) 171
TEDDY (105 K) 179
TEE (115 P) 305
TEL (105 K) 179
TELLURIDE (115 B) 229,230,231
Telluride Creek 230
Templeman-Kluit, D.J. 50
TENAS (105 K) 175
TENMILE (115 O) 285
TER (105 K) 179
TERRY (105 H) 171
TES (105 C) 29,87,90
TES (105 E) 145
Teslin Fault 146
Teslin map-area 87,89
Tesso International Ltd. 51
TETA (116 B) 316
TETRAHEDRITE CREEK (106 C) 205
TEX (105 D) 31
THA (105 C) 92
THANE (116 B) 315
Tha Resources Ltd. 92
THE (105 D) 31
Thirteen-Mile Creek 56
Thirteen Mile Resources 56
THIS (115 O) 285
THISTLE (105 D) 97
THISTLE (115 O) 290
THOMAS (105 K) 179
THOR (95 C) 61
THOR (105 H) 171
THOR (116 B) 316
THORIUM (106 E) 217
THRALL (105 B) 73
THUNDERBIRD (105 M) 56
TIE (105 F) 164
TIER (105 F) 150
TIKA (105 D) 98,140
TIL (105 G) 167
TILL (105 A) 67
TILLEI (105 H) 171
TIM (105 A) 67
TIM (105 F) 149
TIM (105 H) 171
TIM (116 A) 311
TIMBERWOLF (116 A) 311
TIN (105 B) 79
TIN (105 H) 171
TIN (116 F) 319
TIN CAN (105 M) 191
TINCUP (115 G) 233
TIN DOME (SHEPPARD) (106 D) 209
TING (95 C) 61
TING (116 C) 316
TINT (105 F) 164
TINTA (115 I) 316
TINTINA (EAGLE) (105 G) 262
Tintina Fault 182
Tintina Mines Ltd. 168
Tintina Trench 25,50
TINY (105 H) 171
TIPI (115 I) 273
Tirkanitz, N. 317
TIZA (116 C) 316
TJOP (116 C) 316
TM (106 D) 213
TM Zone 25
TOAD (115 J) 277
TOAST (115 I) 36,263,271,274
TOBY (115 G) 252
TOG (105 C) 92
TOG (115 O) 300
TOKE (105 G) 167
TOM (105 B) 73
TOM (105 C) 92
TOM (105 F) 150

TOM (105 O) 41,195
TOM (115 O) 286,300
TOMI (116 B) 317
Tomlinson, S. 301
TOMMY (105 A) 67
TON (105 C) 92
TON (105 D) 98,141
TONGUE (105 N) 195
TONI (105 B) 174
TONI TIGER (115 J) 277
TONY (105 D) 98,141
TONY (115 G) 40,234,254
TONY (115 O) 300
TOO (105 C) 29,87,90,91
Toohey, R. 39,139,141,142,143
TOOT (115 I) 263
TOP (105 C) 39,92
TOP (105 D) 98,139
TOP (105 G) 167
TOP (116 B) 316
TOPOROWSKI (106 C) 205
TORO (115 I) 37,264
TORRANCE (115 O) 285
TOSH (115 H) 257
Total Erickson Resources Inc. 30,119,140
TOTH (115 P) 305
TOUCHE (106 L) 325
TOUCHE (116 I) 325
TOUR (116 B) 316
TOW (106 C) 205
TOWER (116 B) 316
TOWER PEAK (105 F) 149
TOWHATA (115 I) 262
TOWNSITE (105 M) 191
TOY (REA) (105 H) 171
TRADE (116 H) 321
TRAFFIC (105 J) 177
Trail River map-area 325
TRANZ (95 C) 61
TREDGER (105 L) 187
TREE (105 D) 99
TREE (105 F) 150
TREMAR (105 D) 97,139
Tremblay, L. 253
TRENCH (105 F) 147
TREVA (115 O) 285
TRILBY (115 O) 285
Tritschner, E. 141
TROLL (105 D) 98
TROUT (105 B) 72
TROUT (105 F) 150,154
TROY (105 B) 72
TRUDI (115 K) 277
TRUITT (105 L) 187
TRUMP (105 K) 180
TRYALA (105 O) 195
TRV Minerals Corp. 112
TRYN (115 G) 252
TSS (105 K) 180
TUB (105 E) 145
TUB (BRIE) (105 F) 149
TUCHITUA (105 H) 171
TUDL (106 D) 211
TUF (105 E) 147
TUF (105 M) 191
TUF (115 I) 262
TUKU (106 E) 217
TUM (105 L) 187
TUMMEL (105 L) 187
TUNA (105 H) 172
TUNG (105 B) 72
Turner, A. 82
TURK (116 C) 316
TUSTLES (105 H) 171
TWICE (106 L) 325
TWIN (SUNSET) (95 E) 65
Twist Zone 133
TWO BUTTES (105 M) 190
2 D (115 O) 290
2001 Resource Industries 25,35,56,79,237,250
TYCON (105 D) 99
TYER (105 H) 171
TYRO (105 F) 149
TYRRELL (115 N) 285

UGLY (116 C) 316
ULTRA (115 B) 40,230,231
UNCER (105 D) 98
UNDAL (105 D) 98
UNEXPECTED (116 B) 315
UNION MINES (105 D) 97
UNITED KENO HILL (105 M) 14,34
United Keno Hill Mines Ltd. 13,15,17,23,24
.... 30,31,34,35,38,41,146,253
UNTILL (105 D) 98
UR (105 M) 190
URANUS (105 D) 99
URN (105 K) 180
URSA (105 O) 197
URSUS (105 B) 73
URSUS (106 D) 209
URSUS (115 G) 248
UTSHIG (105 D) 97

V (115 F) 244
VAL (105 D) 97
VAL (106 C) 205
VAL A (105 B) 72
VAL B (105 B) 72
VALERIE (105 D) 100
VALLEY (115 G) 41,248,249,253
VAN (115 F) 252
Van Bibber, P. 34
VANESSA (115 O) 286
VANGORDA (105 K) 13,15,179
Vangorda Plateau 13
VANGUARD (105 M) 190
Vanwermerskerken, M. 141
VARISCITE (MS) (105 J) 177
VENUS (105 D) 97,112
VENUS (115 G) 248
VER (105 F) 156,164
VERA (106 C) 205
VERLE (105 K) 183
VERLENE (115 I) 263
Verley, C.G. 40,160,163
VERONA (105 D) 99
Versluce, H. 40,156,163,237
Versluce, P. 34,156,237,239,245
VH (105 B) 73,74
VI (115 O) 290
VIC (105 B) 39
VIC (115 I) 36
VIC (115 J) 277
VIEW (115 O) 301
VIKING (105 H) 171
VIN (105 D) 40,100,143
VINA (115 J) 277
VINCENT (105 G) 167
VIOLET (115 O) 285
VIRGIN (116 B) 315
VISTA (95 C) 61
VODKA (105 F) 149
Volcano Resources Corp. 24,37,56,287
VOLE (105 F) 150,154
VOLE (106 F) 219
Von Gaza, P. 50
VOWEL (115 H) 257
VNER (95 E) 65
VUG (116 A) 311
VULCAN (106 C) 205
VYE (106 F) 219

W (105 M) 190
WABONA (105 D) 97
WAD (105 K) 180
WADE (115 G) 233
WADE CREEK (115 G) 234
WAL (105 D) 99,124,127
WALCOTT (105 D) 97
Walcott, P.E. 290,298
Walhalla Exploration Co. Ltd.. 31,40,41,128,252,254
Wallis, J.E. 137
Walls, M. 268
WALSH (105 E) 145
WALT (105 O) 197
WARBURTON (105 A) 67
WAR EAGLE (105 D) 100
WART (116 J) 325
WAS (105 C) 30,87,91
WATER (105 D) 99
WATERS (105 G) 167
WATSON (105 A) 67
WATSON (105 D) 99
Watson Lake 25
Watson Lake map-area 67
Watson Lake Mining District 56
Watt, A. 161
Waugh, D.H. 37,41,116,264,287,301
WAYNE (105 M) 190

WEASEL (105 M) 190
WEBER (115 I) 23
WEDGE (115 I) 269
WELCOME (117 A) 326
Welcome North Mines Ltd. 40,114,164,165,168
WELL (115 N) 301
WELLGREEN (115 G) 23,26,35,50,56,233
.... 239,240,248,249,251
Wellgreen Mine 251
Wellington Financial Corp. 41
WEN (106 D) 209
WENDY (105 J) 177
WENDY (115 N) 287
WENG (115 F) 34
WENG (115 G) 242,253
WERN (116 A) 311
WERNECKE (105 M) 190
WERNECKE (106 E) 217
Wernecke Joint Venture 212
WEST (105 D) 98
WEST (115 O) 26
WEST-DAWSON (116 B) 315,317
Western Mines Ltd. 241
West Mountain Zone 168
WEST RIDGE (105 B) 78
West Zone 160
WET (95 D) 63
WH (105 D) 31
WHALE (115 I) 263
WHE (105 D) 39,100,142
Wheaton River Valley 124,127
Wheaton District 23,50
Wheaton River 125
Wheeler, J.O. 97,98,117
Whelan, L. 102
WHIP (105 L) 187
WHISKEY JOE (115 J) 277
WHISKEY LAKE (105 F) 14,15,17,149
WHISTLER (105 F) 162
WHIT (105 G) 167
WHITE (105 F) 32,40,150,160,164,165
White Channel Underground Mining Ltd. 19
WHITE HILL (106 D) 209
Whitehorse 50
WHITEHORSE COAL (105 D) 49,56,97
Whitehorse Coal Corporation Ltd. 56
WHITEHORSE COPPER (105 D) 31,122
Whitehorse Copper Belt 130
Whitehorse Copper Mines Ltd. 31,122,128
Whitehorse map-area 97
Whitehorse Mining District 56
Whitehorse Project 51
Whitehorse Trough 146
WHITEMAN (105 M) 191,192
WHITE RIVER (115 F) 233
WHITE WEST (105 F) 150,160,165
WHO (115 O) 301
WHP (105 K) 180,183
WHYTE (105 F) 164
Wienecke, E. 36
WIL (115 A) 225
WILL (106 D) 210,214
WILLIAMS CREEK (115 I) 262
WILSON (105 J) 177
WIMP (105 F) 150
WINAGE (116 B) 315
WIND (105 B) 73
WIND (105 D) 124
WINDGAP (115 G) 233
Wind River map-area 217
WINDY (106 E) 217
WINE (115 O) 41,301
WINKIE (ROSS) (105 I) 175
WINSLOW (115 P) 305
WISE (105 I) 175
Wistey, K. 301
WIT (105 F) 164
WITH (115 O) 40,301
WITZ (106 D) 40
WLN (105 F) 164
WOAH (105 H) 121
WOE (115 J) 277
WOLF (95 D) 63
WOLF (105 B) 73
WOLF (115 I) 263,269,271,274
Wolf Lake map-area 72
WOLFY (105 B) 74
WON (106 D) 210
WON (115 G) 234,254
WON (115 N) 301
Wondga, R. 302
WOO (105 D) 39,141
WOOD (115 O) 285
WOODBURN (115 P) 305
WOODCHOPPER (116 B) 315
Woodcock, J.R. 235
WOOF (105 D) 30
WOPUS (105 F) 149
WORB (105 D) 100,142
WORM (116 A) 311
WR (115 F) 253,254
WREN (115 A) 225
WX (106 C) 205

XL (105 B) 74
XL (116 B) 316

YANKEE GIRL (115 O) 290
YETI (105 E) 145
YNX (115 G) 234
YOGI (106 E) 217
YONO (105 M) 190
YOUNG (105 F) 151
Young, C. 40,163,165
YUK (106 F) 219
YUKENO (105 M) 190
Yukon Exploration Company 235
Yukon Mining Company Ltd. 237
Yukon Minerals Corp. 24,29,33,40,56,164
Yukon Revenue Mines Ltd. 37
YUM (116 J) 325
YUSEZYU (105 H) 171

ZAK (105 B) 72
ZAM (105 B) 73
ZAP (105 M) 190
ZAP (106 D) 209
ZAPPA (115 J) 277
ZEBRA (116 A) 311
ZED (105 K) 180
ZETA (115 P) 305
ZEUS (105 H) 171
ZIELINSKI (105 G) 167
Zikos, W. 41,253
ZINC (105 B) 73
ZIT (115 I) 263,274
ZIMMER (105 G) 167
ZOG (106 C) 205
ZULPS (106 D) 209
ZULU CHIEF (115 O) 290